152839

Correspondence

Date:	June 27, 2012
To:	Ken Maas (USACE) Fred Molloy (USACE) James Lyons (USACE)
Copy:	Len Warner (The Louis Berger Group, Inc.) Ed Dudek (The Louis Berger Group, Inc.)
From:	AmyMarie Accardi-Dey (The Louis Berger Group, Inc.)
RE:	Potential Porewater Sampling Locations Cornell-Dubilier Electronics Superfund Site – OU4 Bound Brook W912DQ-11-D-3009, Task Order 0013

On behalf of the United States Environmental Protection Agency (USEPA) and the United States Army Corps of Engineers (USACE), The Louis Berger Group, Inc. (Berger) is conducting a Remedial Investigation and Feasibility Study (RI/FS) for Bound Brook in Middlesex County (New Jersey), which is defined as Operable Unit 4 of the Cornell-Dubilier Electronics Superfund Site. According to the Quality Assurance Project Plan (QAPP) – Field Modification No. 6, passive samplers will be deployed in Bound Brook to measure dissolved-phase polychlorinated biphenyl (PCB) congeners and volatile organic compounds (VOC) in porewater and surface water. QAPP Worksheet 18 states that final sampling locations would be proposed following a water quality/stream flow survey and additional reconnaissance of sediment bed thickness.

Potential sampling locations were selected based on evaluation of the May 2012 water quality/stream flow survey (see accompanying text below) and reconnaissance of sediment bed thickness conducted in June 2012. Berger will begin deployment of sampling equipment following USACE approval of Field Modification No. 6 and the potential sampling locations. A summary of potential sampling locations is listed below (refer to attached table and maps in Figures 1-3).

- Three upstream sampling locations were selected between Talmadge Bridge at river mile (RM) 8.3 and the upstream side of the twin culverts, where Bound Brook passes beneath a former railroad spur, at RM6.55. A set of passive samplers (one for VOC and one for PCB) will be deployed at each sampling location, yielding 3 sets of passive samplers in this upstream area (refer to green shaded rows in Table 1).

- Ten sampling locations were selected within Reaches 1-4 of the OU3 groundwater flux model[1] between the downstream side of the twin culverts at RM6.55 and the Lakeview Avenue Bridge at RM6.15. One or two sets of passive samplers will be deployed at each sampling locations, yielding 15 sets of passive samplers in the modeled area (refer to the orange shaded rows in Table 1). Note that when two sets of passive sampler are deployed at a potential sampling location, they will represent distinct samples (not co-locates).
- Two downstream sampling locations were selected between Lakeview Avenue Bridge at RM6.15 and downstream of the OU3 groundwater flux model at RM5.8. A set of passive samplers will be deployed at each sampling location, yielding two sets of passive samplers in the downstream area (refer to blue shaded rows in Table 1).

Evaluation of May 2012 Water Quality/Stream Flow Survey

On May 7-9, 2012, Berger collected surface water physicochemical parameters using a Horiba U52, including temperature, conductivity, pH, salinity, and oxidation-reduction potential (ORP) from transects across Bound Brook every 100 feet between RM5.7 (near the confluence of Bound Brook and Cedar Brook) and RM6.9 (upstream of Belmont Avenue Bridge).[2,3,4] At each transect, surface water parameters were measured from the bottom and top of the water column on 5-foot intervals across the brook. Plots of each transect for each parameter are provided in the attached spreadsheets. The purpose of this field effort was to identify locations where groundwater is potentially discharging to Bound Brook, especially adjacent to and downstream of the former Cornell-Dubilier Electronics (CDE) facility, to select placement of porewater passive samplers.

The former CDE facility is located adjacent to the brook starting at about RM6.55, or Stream Flow Transect No. 18 (SF18), where Bound Brook passes through a culvert beneath a former railroad spur. Based on the model, some groundwater from the former CDE facility may discharge upstream of the culvert, but further upstream (above SF12) is likely outside the modeled area of groundwater discharge from the former CDE facility. The data suggest that conductivity and salinity are fairly stable between SF1 and SF12; however, temperature, pH and ORP do vary between transects. Temperature increases significantly between SF5 and SF7 and then gradually increases in the downstream direction; however, a tributary enters the stream in this same reach. Values for pH increase in the downstream direction as well but these changes are not as dramatic between SF5 and SF7 as temperature. ORP begins above 100 mV with some variation from bank to bank but drops below 90 mV and becomes highly variable from

[1] The upstream boundary of the OU3 groundwater model is located at RM6.6, and the downstream boundary is located at RM5.95.

[2] Stream flow transects SF1 to SF12 were measured on May 7; SF18 to SF37 were measured on May 8; and the remainder were measured on May 9, 2012. Some of the observed variation in parameters can be explained by day to day differences.

[3] Due to field conditions (*i.e.*, presence of debris or water depth), some proposed transects were skipped. In addition, between Transect 42 and 59, water quality measurements were collected at every other transect due to approaching storm conditions.

[4] During the May 2012 survey, stream flow measurements were also collected. This survey suggests a slow increase in flow in the downstream direction; however, no significant increase over short stretches of the stream was observed. The slow increase downstream is consistent with diffuse groundwater discharge rather than large point discharges, such as discrete springs.

bank to bank by SF3. It is possible that groundwater inputs to the stream are responsible for some of the variation seen in these parameters above the former CDE facility.

Notable variations in water quality parameters moving downstream from SF18 (adjacent to the former CDE facility) are listed below (references to left bank and right bank are viewed when facing upstream). From these observations, the highest variability in surface water quality parameters was observed between SF30 and SF34, suggesting a potential groundwater discharge area. This area corresponds well to the groundwater flow model simulations of likely discharge of contaminated groundwater.

- At SF18, increased salinity and conductivity were detected on the right bank compared to the rest of the transect and the next downstream transect (SF19). Temperature and pH showed some variability.
- At SF20, salinity showed stratification in the right central portion of the channel. Temperature and salinity increased on the right bank.
- At SF26, temperature slowly increased from SF20. Salinity, conductivity, and pH are anomalous on left bank.
- At SF29, temperature continued to increase, and ORP begins to increase. Conductivity and salinity increased on the left side of the stream. (Note that SF29 is immediately below a small tributary from the left.)
- At SF30, temperature and ORP continued to increase; pH begins to increase; and conductivity and salinity are still higher on the left side of the brook.
- At SF31 and SF32, ORP and temperature significantly increased, pH decreased, and conductivity and salinity are variable across the transects. These two transects are different than most other transects recorded during this survey.
- At SF33, ORP and temperature decreased, pH increased slightly, and conductivity and salinity become more stable but at a higher level than at SF30. (Salinity equal to 0.4 ppt on the left bank and 0.3 ppt on the right bank.) This pattern repeats at SF34.
- At SF36 and 37, the water quality parameters are less variable and seem stable from bank to bank.
- At SF42, ORP changed significantly, with a wide negative to positive variation across the transect; this is similar at SF47, the next transect measured. Note that the field crew had to skip measurements at some transects due to an approaching storm.
- At SF49, ORP is variable across the transect, similar to SF42, but at a lower value.
- At SF55, conductivity and salinity are stratified in the left-center part of the transect.
- At SF59, ORP becomes highly variable, and salinity decreased on the right bank.

Evaluation of June 2012 Reconnaissance

On June 20-22, 2012, Berger conducted a second reconnaissance on Bound Brook, focusing on (1) sediment bed thickness at potential sampling locations and (2) investigating the stretch of brook between the Conrail Railroad tracks/walking bridge at RM6.3 (corresponding to SF29) and Lakeview Avenue Bridge (corresponding to SF37) for possible outfall locations or groundwater springs/seeps.

The passive sampling equipment requires approximately 12 inches of sediment to be securely deployed in the sediment bed. Probing was conducted at each potential sampling location to confirm sediment bed thickness. A flat shovel blade was also pushed into the sediment bed to assess whether underground debris was present (note that the PCB passive samplers will be sensitive to debris that could potentially tear the polyethylene matrix). Refer to Table 1 for final sediment penetration thicknesses recorded. During the reconnaissance, the field crew noted minimal sediment depths (2 inches) to no sediments present between SF29 and SF32, which corresponded to the area with the most significant water quality variations observed in May 2012. Weathered bedrock was exposed directly to the brook. Sample deployment logistics are currently being engineered; however, it is likely that in this stretch of brook, field crew will install galvanized hooks into the bedrock to secure polyethylene samplers against the bedrock. Samples from these locations will represent surface water samples only; surface sediment and corresponding porewater samples will not be collected due to the absence or minimal presence of unconsolidated sediments.

During the June reconnaissance, the field crew also focused on the visible presence of discharge points or groundwater seeps/springs that may have accounted for the significant water quality variations observed in May 2012. No discharge points were observed, providing another line of evidence that changes in water quality were likely associated with potential diffuse groundwater discharge from the bedrock outcropping in the bed of the brook. Based on the May 2012 water quality observations and June 2012 field reconnaissance of sediment bed thickness, Berger proposes to deploy porewater passive samplers at the locations presented in Table 1 and Figures 1-3. A total of 20 sets of passive samplers will be deployed.

Attachments:
Table 1: Potential Porewater Sampling Locations
Figures 1-3: May 2012 Stream Flow Transects and Proposed Porewater Sampling Locations
Attachment 1: (submitted electronically) MS Excel spreadsheet of water quality measurements

Table 1: Potential Porewater Sampling Locations
Cornell-Dubilier Electronics Superfund Site
OU4 Bound Brook

Number	Location SF= Stream Flow T=2010 Sediment Probing Transect	OU3 Model Reach	Recon Penetration Depth (inches)	Was TCE or DCE detected in surface sediment in 2011? NS = Not sampled	Rationale	Will additional geotechnical core be required?
1	Talmadge Bridge (RM8.3)	Upstream	60 inches	No	Bound Brook upstream boundary conditions at Talmadge Bridge	No
2	SF13/T353	Upstream	24 inches (A side)	No	Upstream of the OU3 groundwater model - no variation in water quality measurements observed	No
3	T350	Reach 1	18 inches (A side)	Yes	Upstream of twin culvert (100 feet upstream)	Yes
4 and 5	SF18/T348	Reach 1	18 inches (on left side of culvert)	Yes	Downstream of twin culvert, where isolated changes in water quality were observed	No
6 and 7	SF20/T346	Reach 1	12 inches (A side) 18 inches	Yes	Upstream of OU2 drainage basin, where isolated changes in water quality were observed	No
8	SF22/T344	Reach 2	12 inches (A side)	Yes	Reach 2 representation	No
9 and 10	SF26	Reach 3	Sufficient sediment present; depth of penetration not recorded	NS	Isolated changes in conductivity and salinity were observed	Yes
11	SF28/T337	Reach 3	Bedrock (surface water only)	Yes	Upstream of railroad bridge. Upstream boundary of significant water quality variations observed between SF30 and SF34	No
12	SF29	Reach 3	Bedrock (surface water only)	NS	Downstream of railroad bridge and adjacent to possible discharge point where changes in conductivity and salinity were observed	Yes
13 and 14	SF31/T333B	Reach 3	Sufficient sediment present; depth of penetration not recorded	Yes	Significant water quality variations observed (conductivity, salinity, high ORP, and high water temperature)	Yes
15	SF32/T333A	Reach 3	Bedrock (surface water only)	Yes	Significant water quality variations observed (conductivity, salinity, high ORP, and high water temperature)	Yes
16 and 17	SF34	Reach 3	14 inches (B side)	NS	Significant water quality variations observed (conductivity, salinity, high ORP, and high water temperature)	Yes
18	SF37/T328	Reach 4	18 inches (B side)	Yes	Downstream of Lakeview Avenue Bridge. Downstream boundary of significant water quality variations – water quality parameters stabilize	No
19	SF38	Reach 4	14 inches (B side)	NS	Downstream of Lakeview Avenue Bridge. Downstream boundary of significant water quality variations	Yes
20	SF57/T309	Downstream	36 inches	No	Downstream conditions	No

Notes
1: When more than one passive sampler is deployed at a proposed sampling location, they will each represent distinct samples (not co-locates).
2: At a location where more than one passive sampler is deployed, sediment probing will be conducted during the deployment of each passive sampler to qualitatively assess geological sediment texture. If probing suggests that the sediment bed is homogeneous, one geological core will be collected for the location. If probing suggests that the sediment bed is heterogeneous, then two geological cores will be collected (one at each passive sampler location).

TCE = Trichloroethene
DCE = 1,2-cis-dichloroethene

2012May-StreamFlowSurvey

MALCOLM PIRNIE

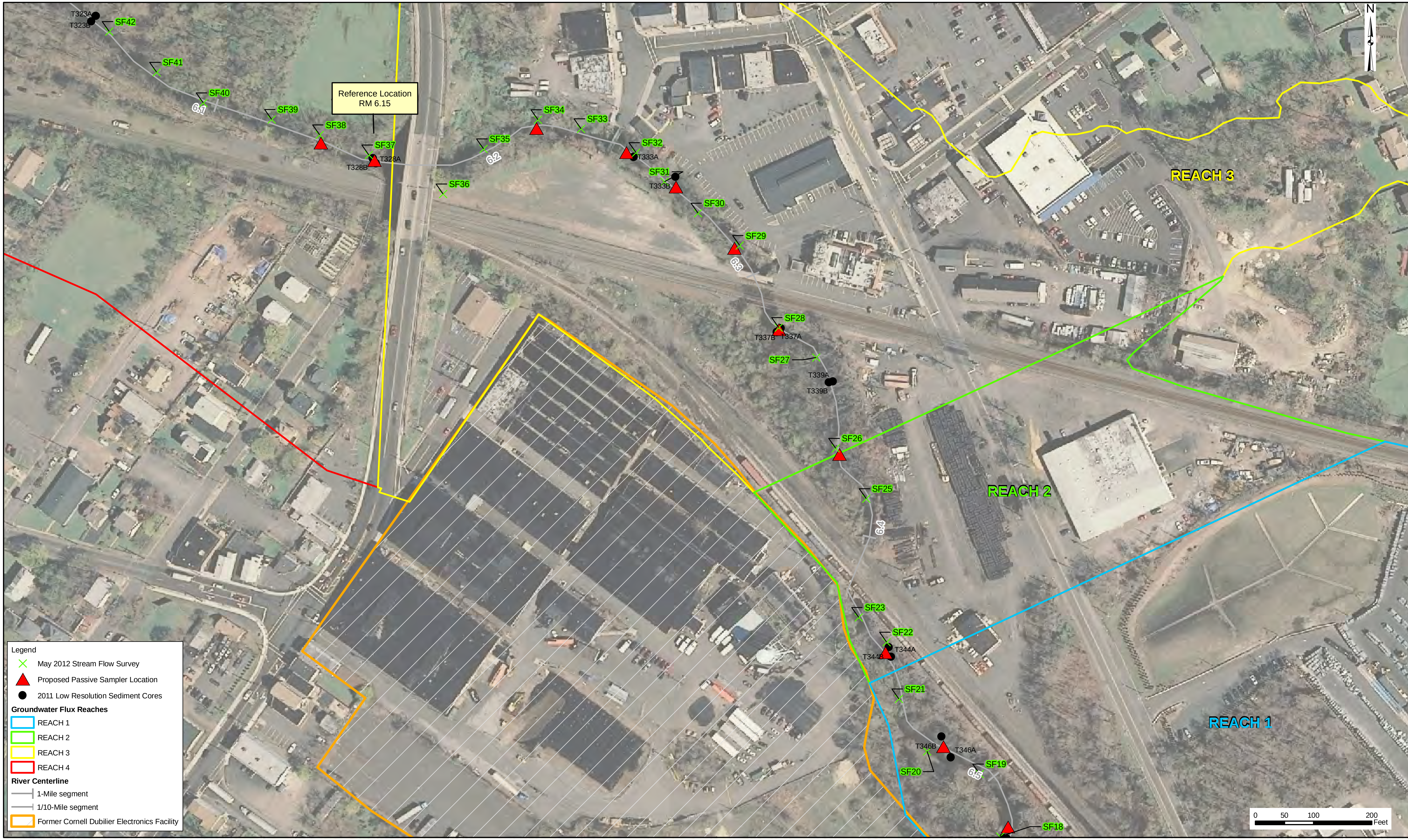
Cornell-Dubilier Electronics
Superfund Site
South Plainfield, New Jersey

May 2012 Stream Flow Transects and Proposed Porewater Sampling Locations

OU4 Remedial Investigation/Feasibility Study

JUNE 2012

Figure 1



2012May-StreamFlowSurvey

MALCOLM PIRNIE

Cornell-Dubilier Electronics
Superfund Site
South Plainfield, New Jersey

May 2012 Stream Flow Transects and Proposed Porewater Sampling Locations

OU4 Remedial Investigation/Feasibility Study

JUNE 2012

Figure 2

MALCOLM PIRNIE

Cornell-Dubilier Electronics
Superfund Site
South Plainfield, New Jersey

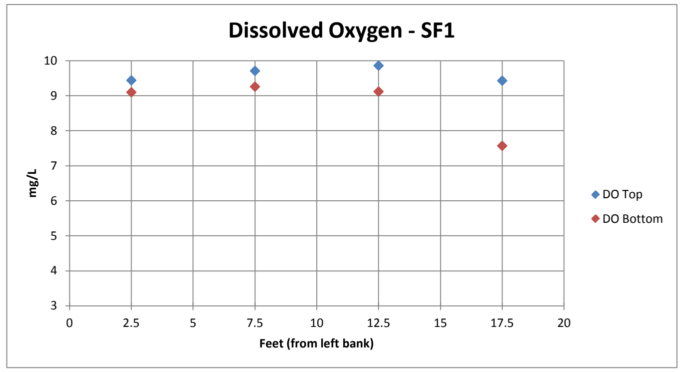
May 2012 Stream Flow Transects and Proposed Porewater Sampling Locations

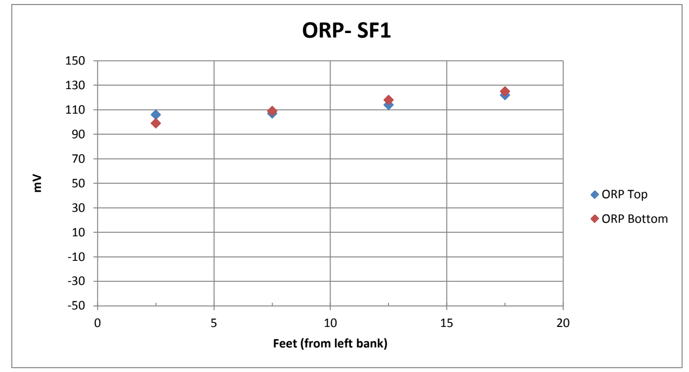
OU4 Remedial Investigation/Feasibility Study

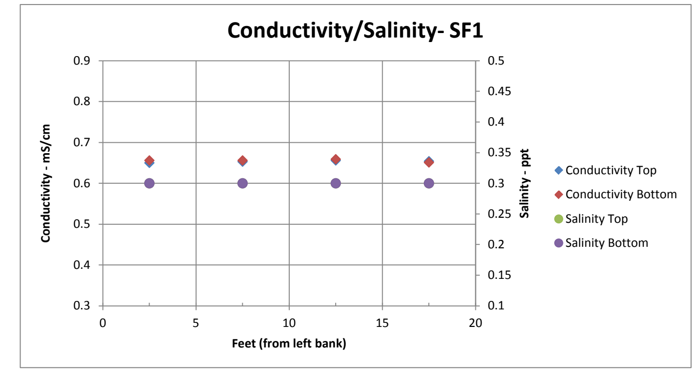
JUNE 2012

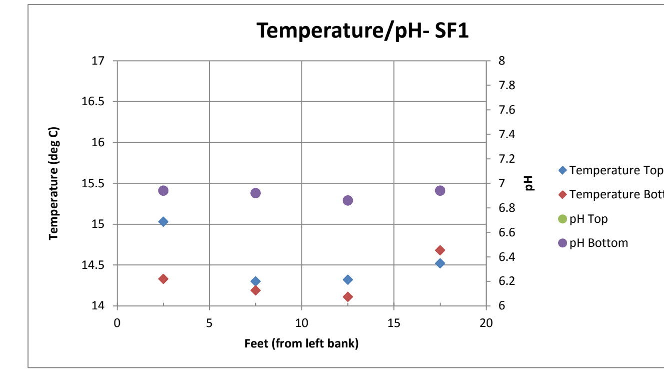
Figure 3

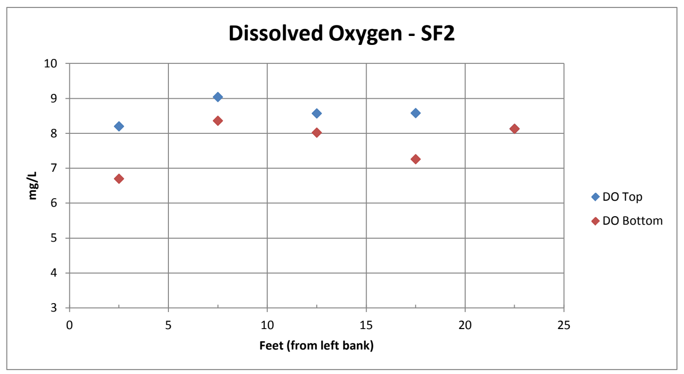
2012May-StreamFlowSurvey

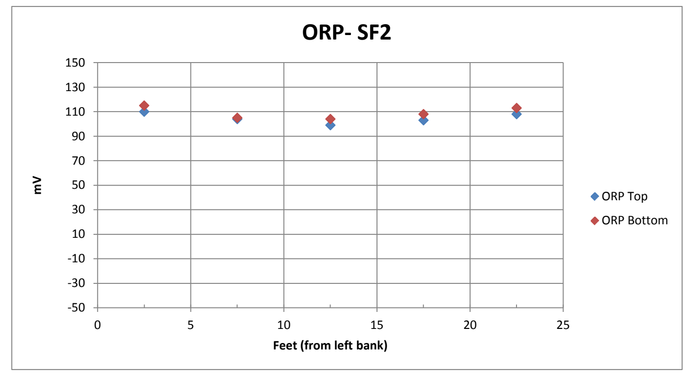

Dissolved Oxygen - SF1
mg/L
Feet (from left bank)
DO Top
DO Bottom

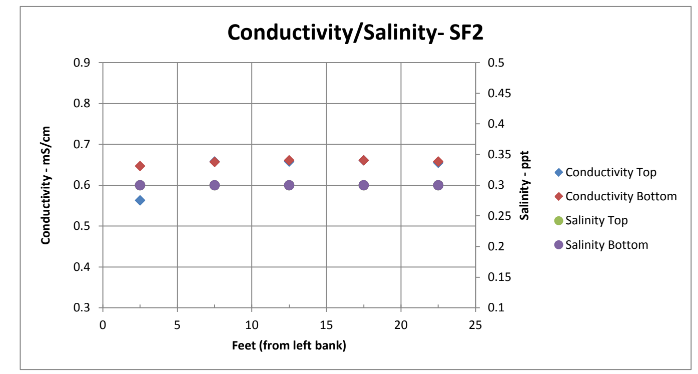

ORP- SF1
mV
Feet (from left bank)
ORP Top
ORP Bottom

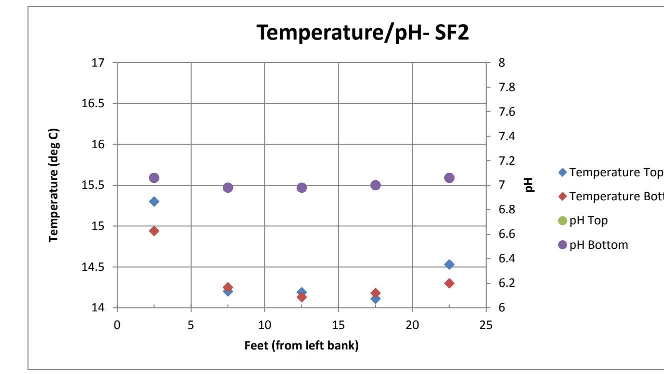

Conductivity/Salinity- SF1
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

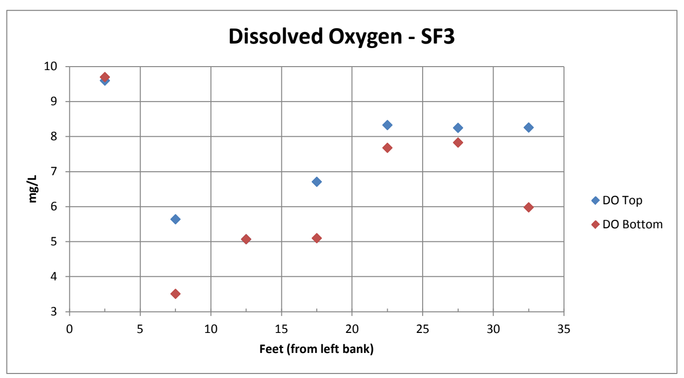

Temperature/pH- SF1
Temperature (deg C)
pH
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom

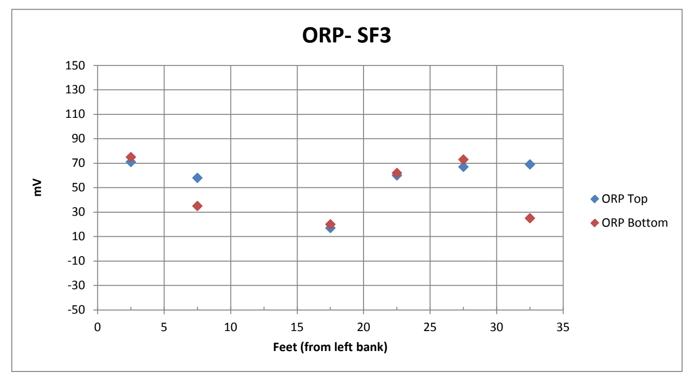

Dissolved Oxygen - SF2
mg/L
Feet (from left bank)
DO Top
DO Bottom

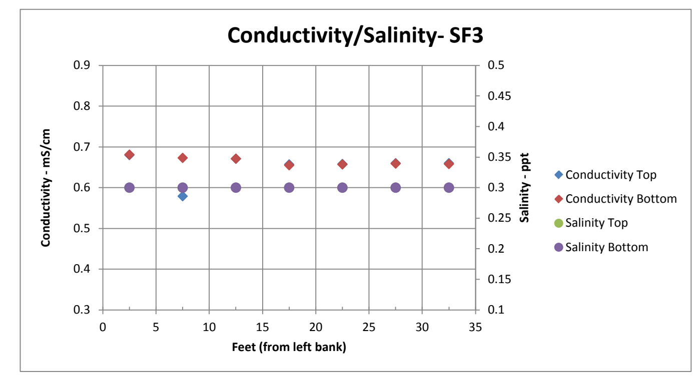

ORP- SF2
mV
Feet (from left bank)
ORP Top
ORP Bottom

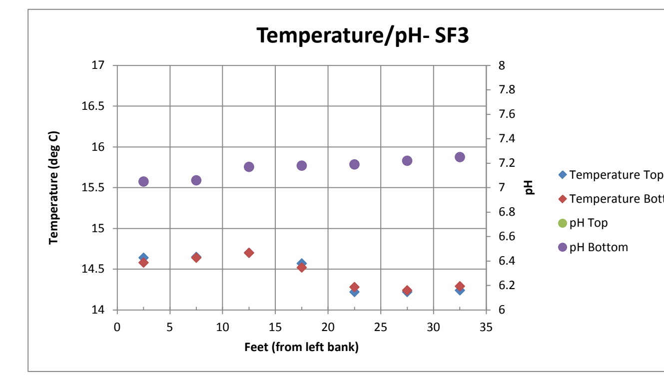

Conductivity/Salinity- SF2
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

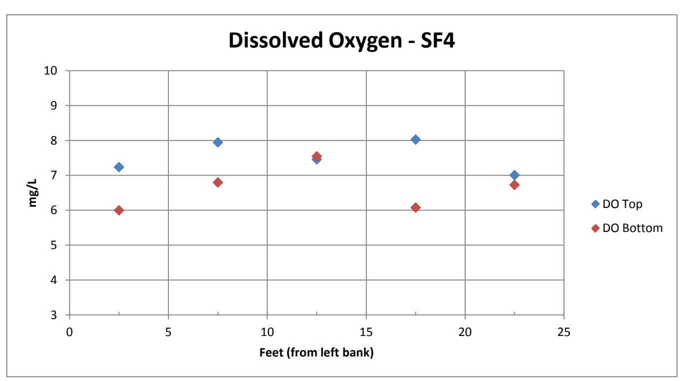

Temperature/pH- SF2
Temperature (deg C)
pH
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom

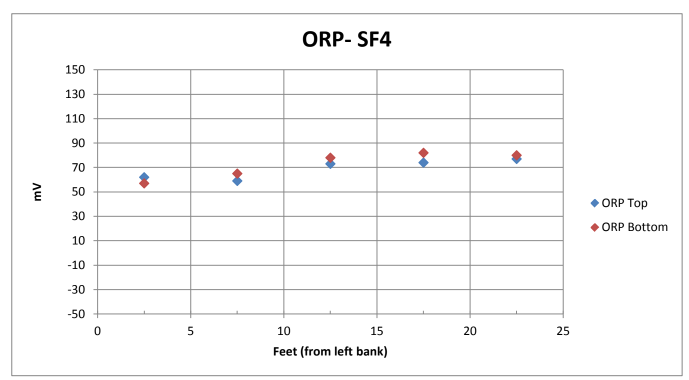

Dissolved Oxygen - SF3
mg/L
Feet (from left bank)
DO Top
DO Bottom

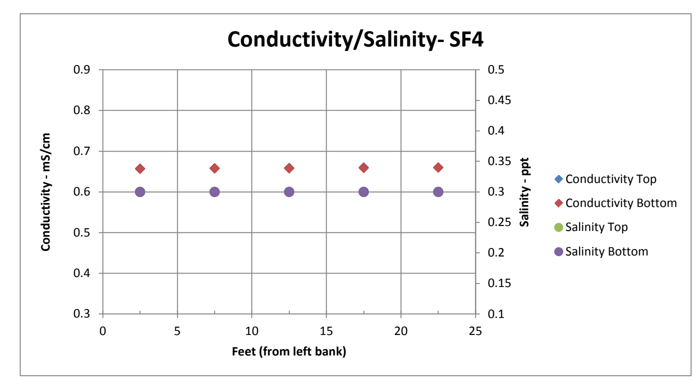

ORP- SF3
mV
Feet (from left bank)
ORP Top
ORP Bottom

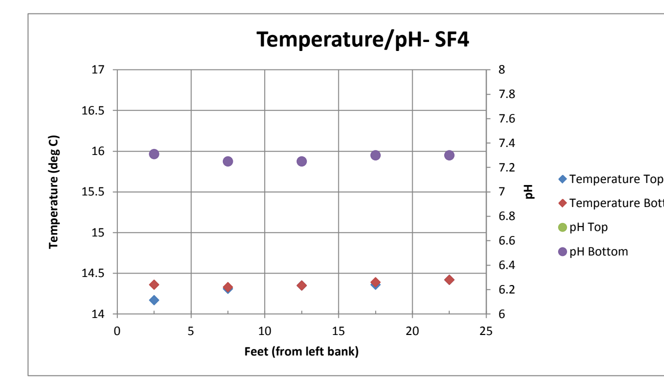

Conductivity/Salinity- SF3
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

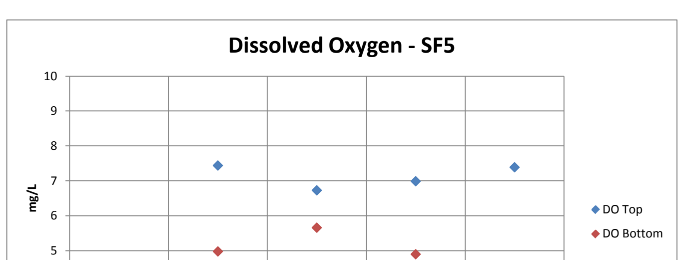

Temperature/pH- SF3
Temperature (deg C)
pH
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom

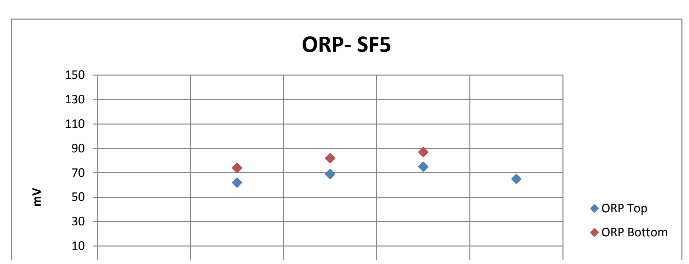

Dissolved Oxygen - SF4
mg/L
Feet (from left bank)
DO Top
DO Bottom

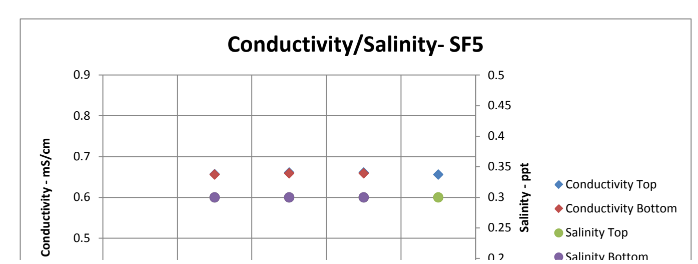

ORP- SF4
mV
Feet (from left bank)
ORP Top
ORP Bottom

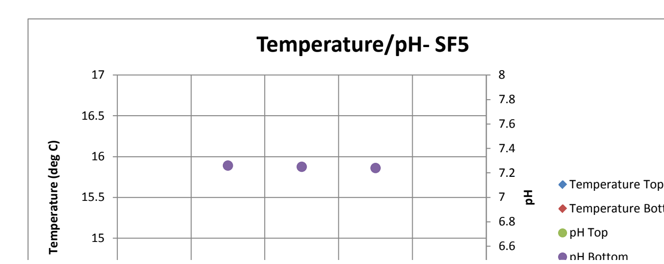

Conductivity/Salinity- SF4
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

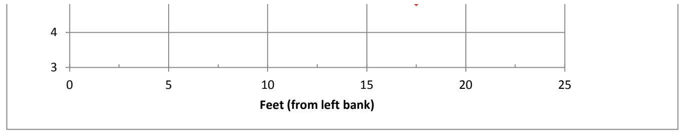

Temperature/pH- SF4
Temperature (deg C)
pH
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom

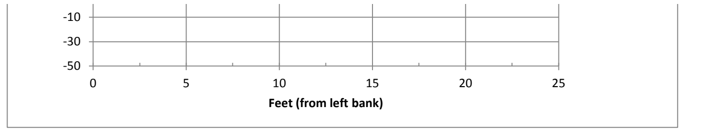

Dissolved Oxygen - SF5
mg/L
DO Top
DO Bottom

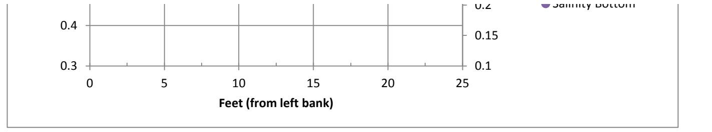

ORP- SF5
mV
ORP Top
ORP Bottom

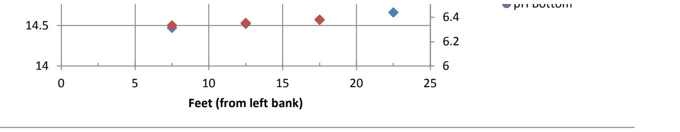

Conductivity/Salinity- SF5
Conductivity - mS/cm
Salinity - ppt
Conductivity Top
Conductivity Bottom
Salinity Top

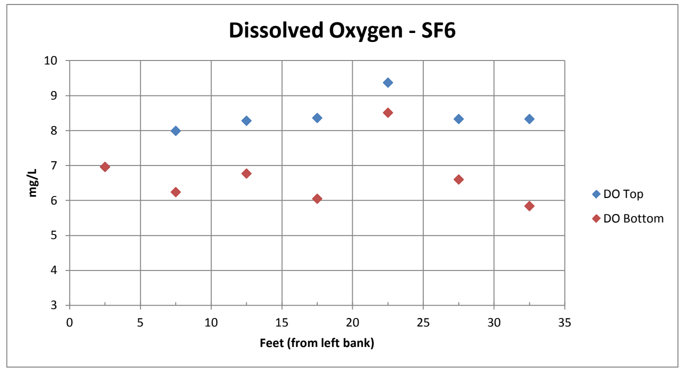

Temperature/pH- SF5
Temperature (deg C)
pH
Temperature Top
Temperature Bottom
pH Top

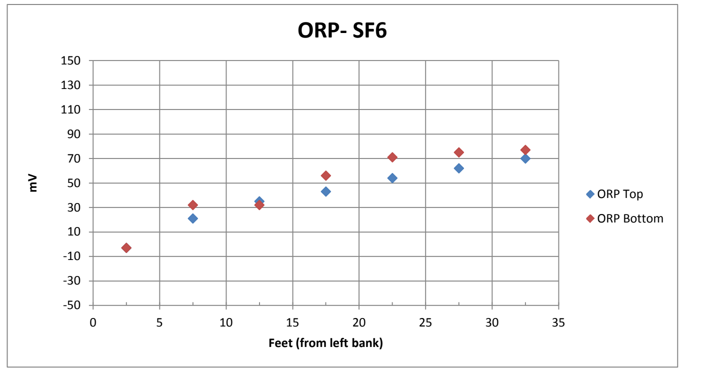

Feet (from left bank)

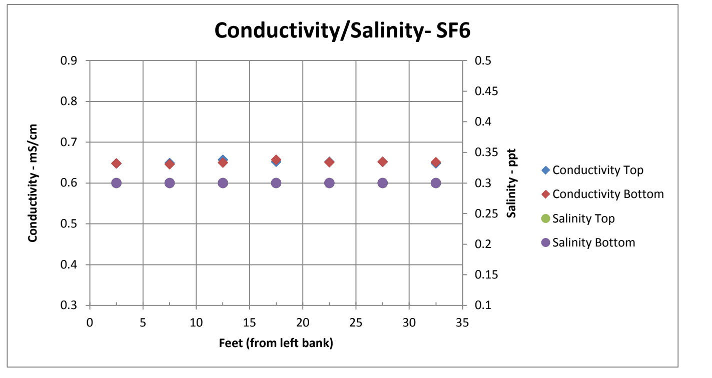

Feet (from left bank)

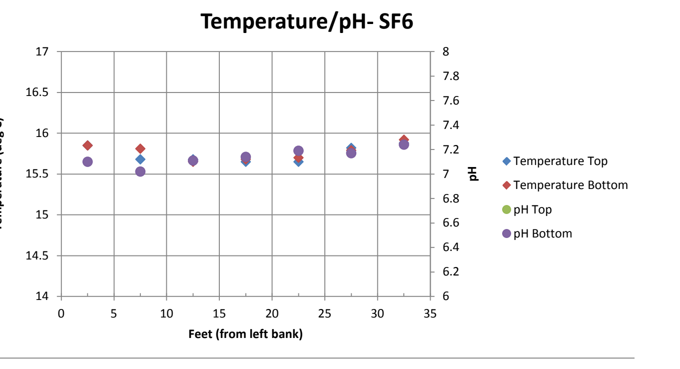

Feet (from left bank)

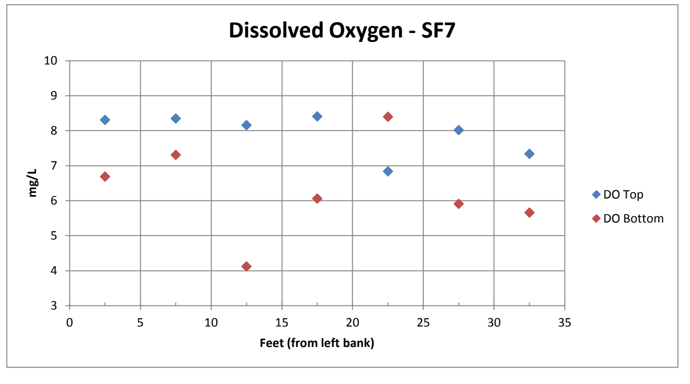

Feet (from left bank)

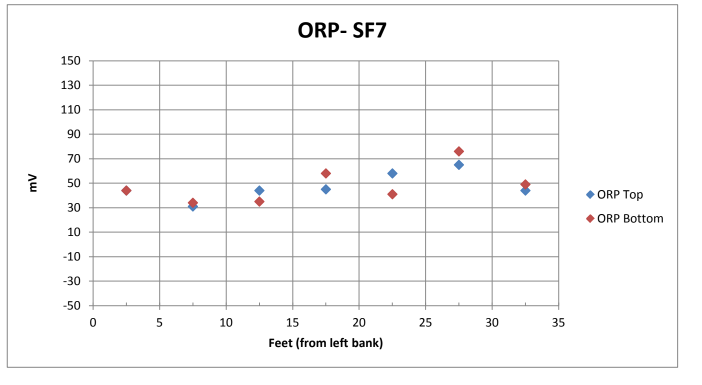

Dissolved Oxygen - SF6
mg/L
Feet (from left bank)
DO Top
DO Bottom

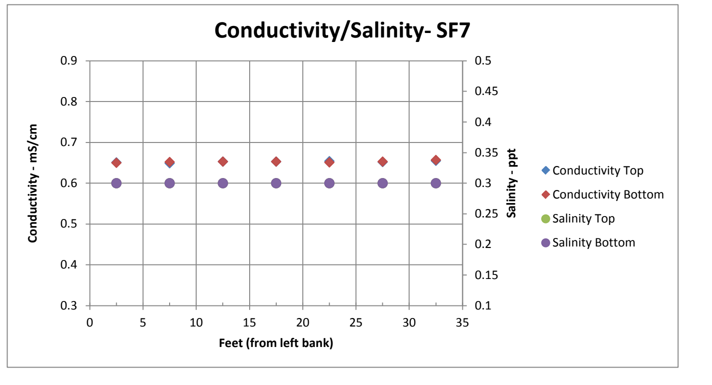

ORP- SF6
mV
Feet (from left bank)
ORP Top
ORP Bottom

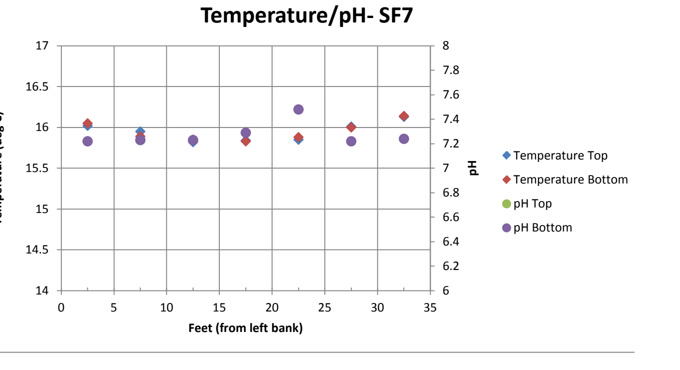

Conductivity/Salinity- SF6
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

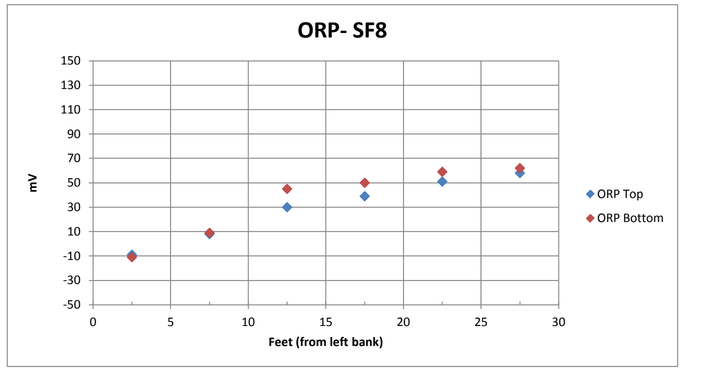

Temperature/pH- SF6
Temperature (deg C)
pH
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom

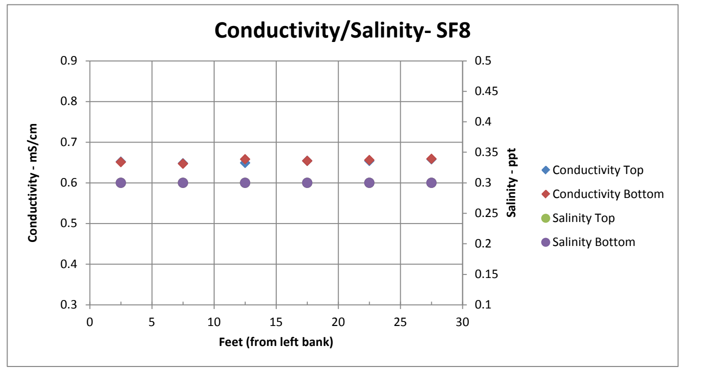

Dissolved Oxygen - SF7
mg/L
Feet (from left bank)
DO Top
DO Bottom

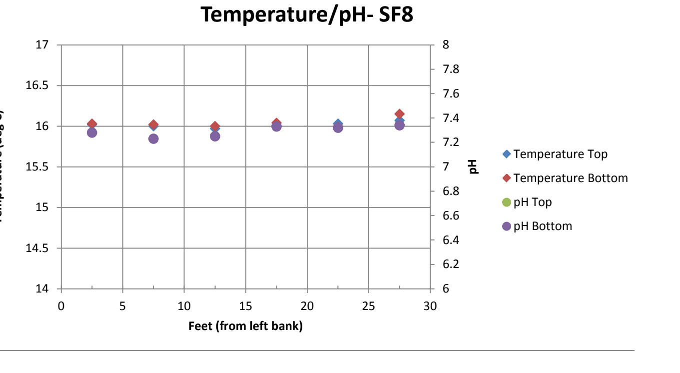

ORP- SF7
mV
Feet (from left bank)
ORP Top
ORP Bottom

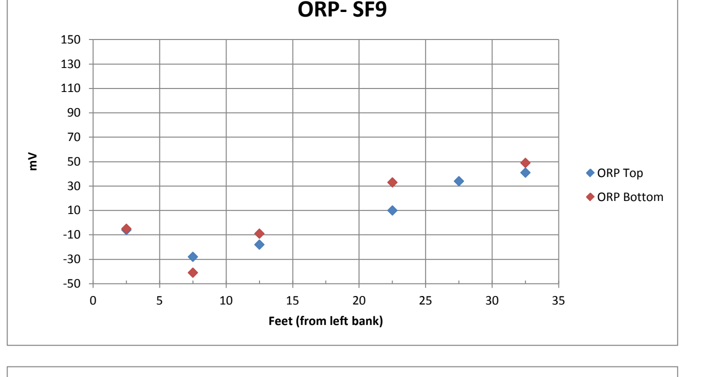

Conductivity/Salinity- SF7
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

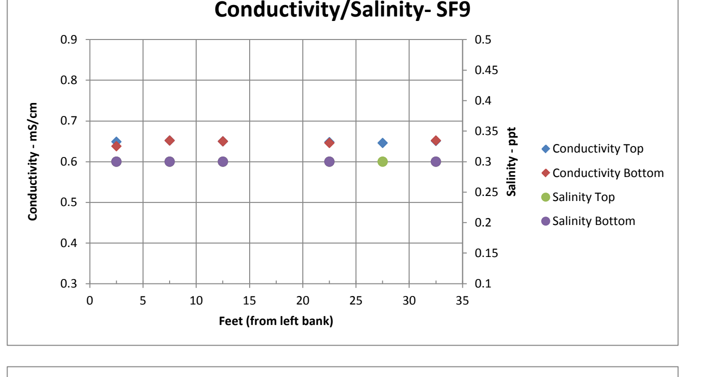

Temperature/pH- SF7
Temperature (deg C)
pH
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom

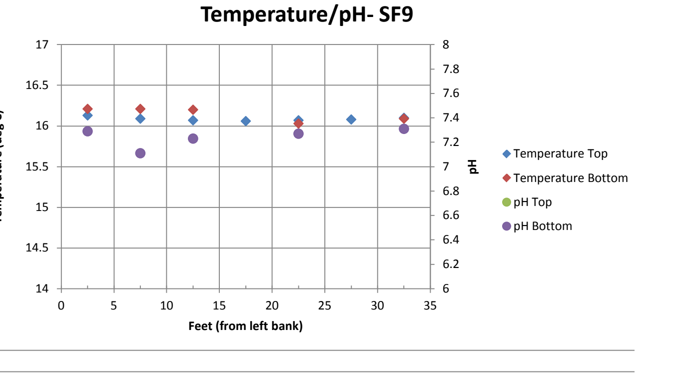

ORP- SF8
mV
Feet (from left bank)
ORP Top
ORP Bottom

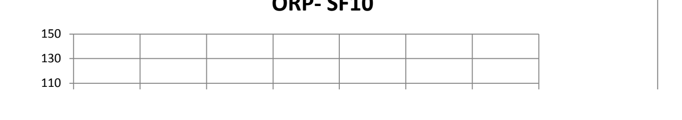

Conductivity/Salinity- SF8
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

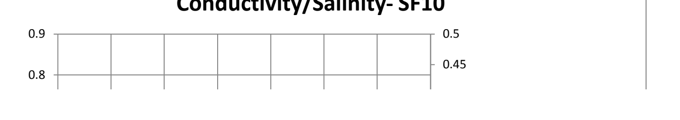

Temperature/pH- SF8
Temperature (deg C)
pH
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom

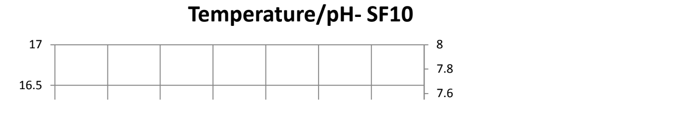

ORP- SF9
mV
Feet (from left bank)
ORP Top
ORP Bottom

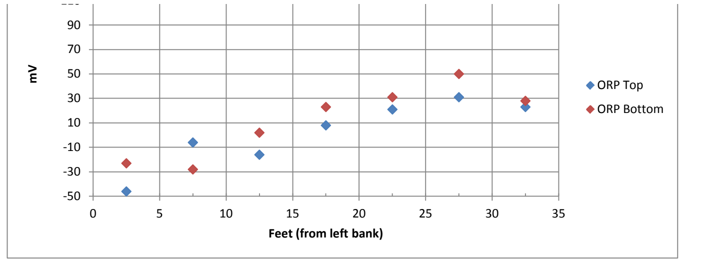

Conductivity/Salinity- SF9
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

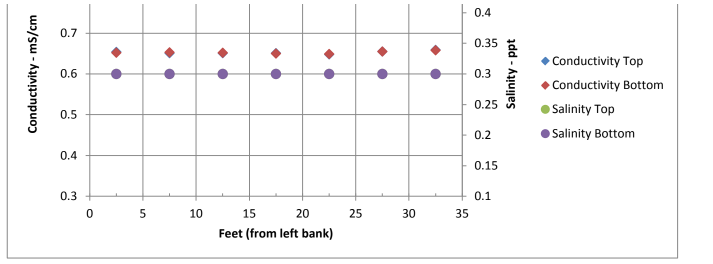

Temperature/pH- SF9
Temperature (deg C)
pH
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom

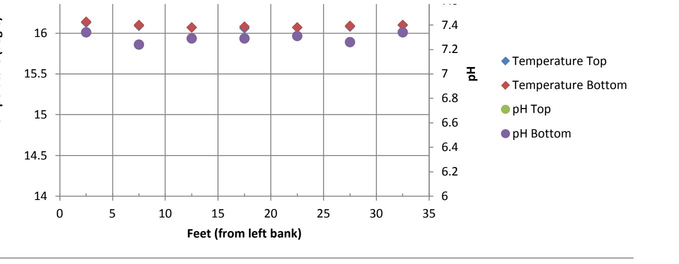

ORP- SF10


Conductivity/Salinity- SF10

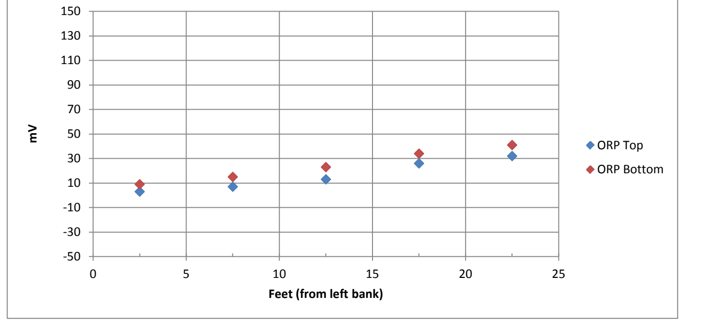

Temperature/pH- SF10



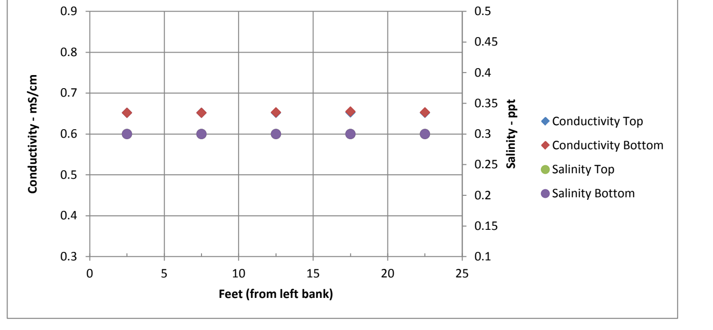




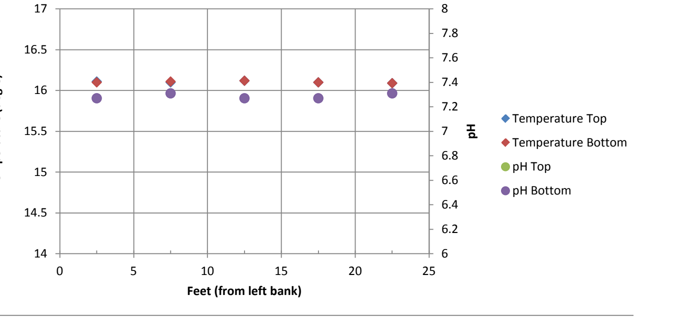
ORP- SF11



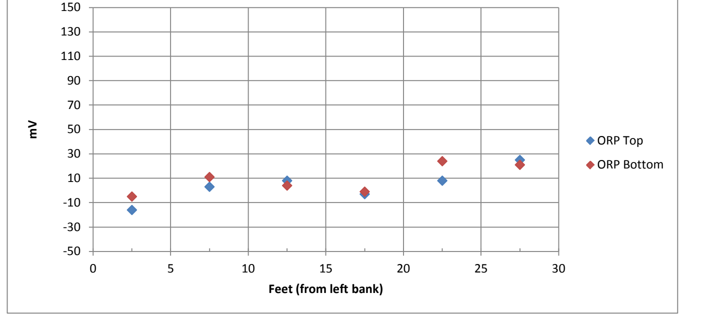
Conductivity/Salinity- SF11



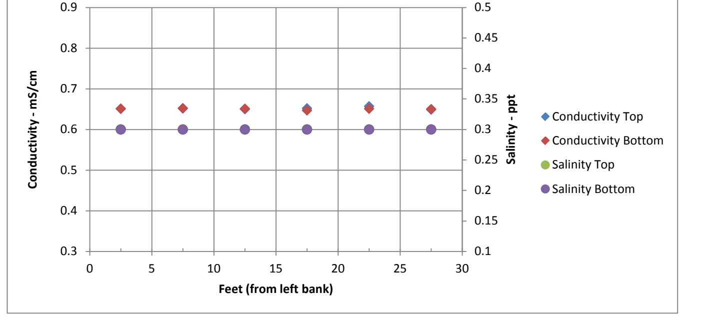
Temperature/pH- SF11



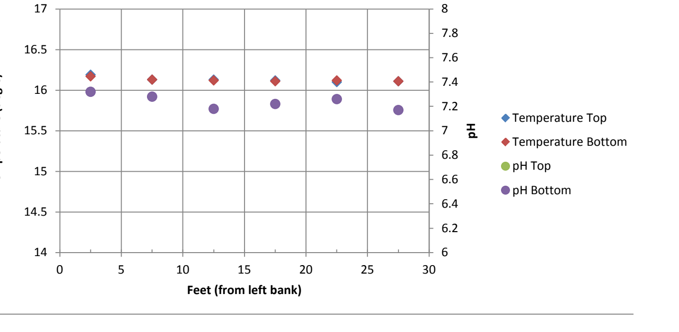
ORP- SF12

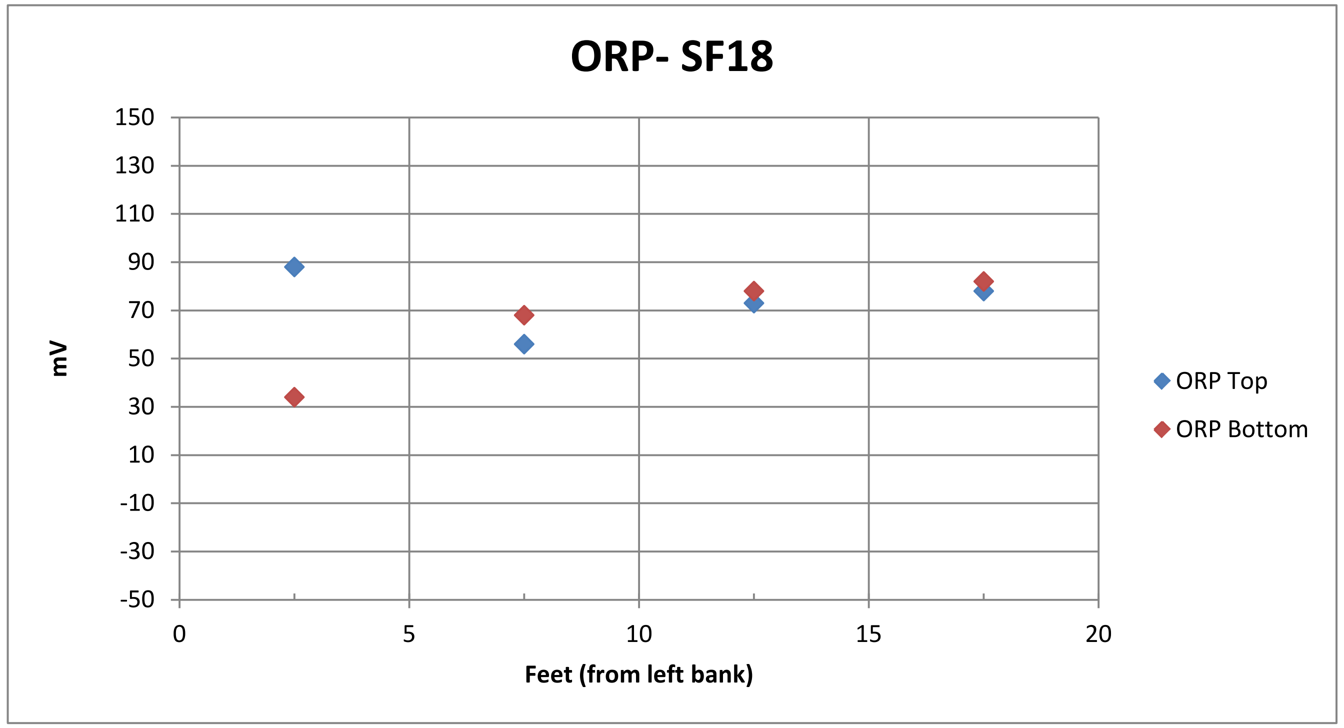


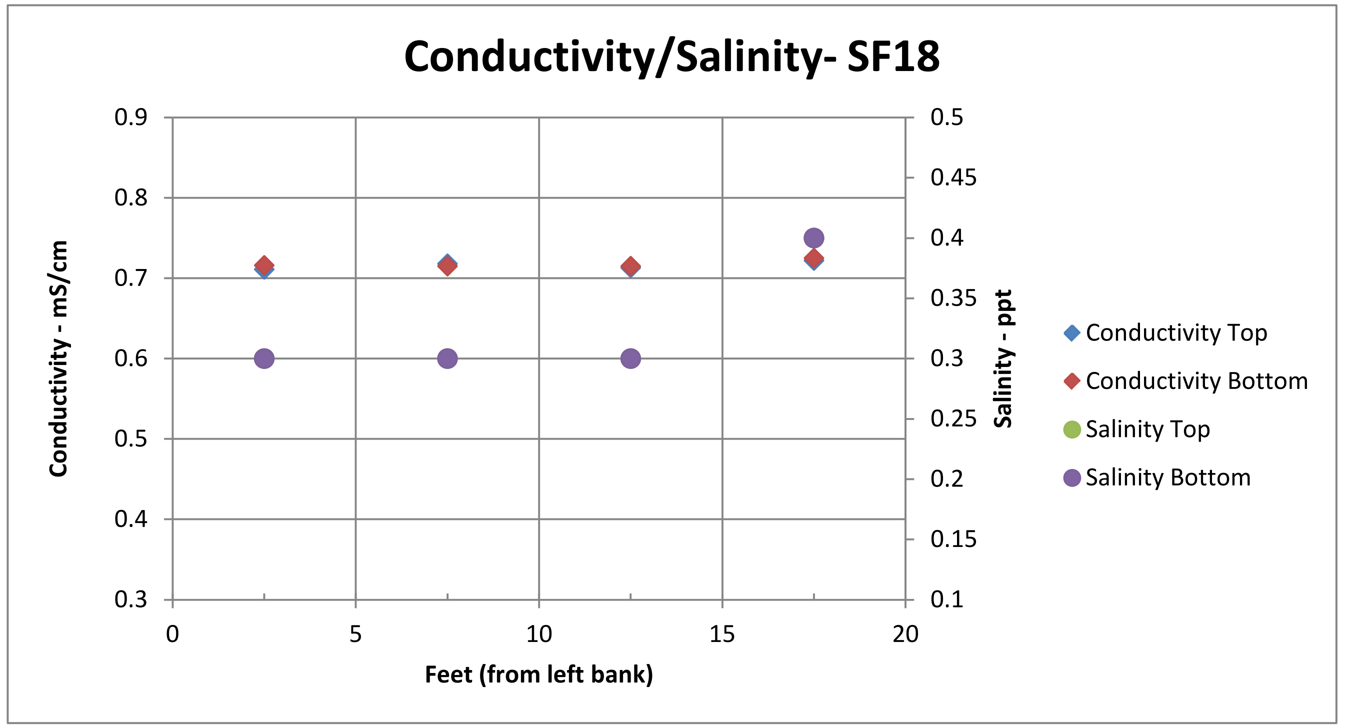
Conductivity/Salinity- SF12

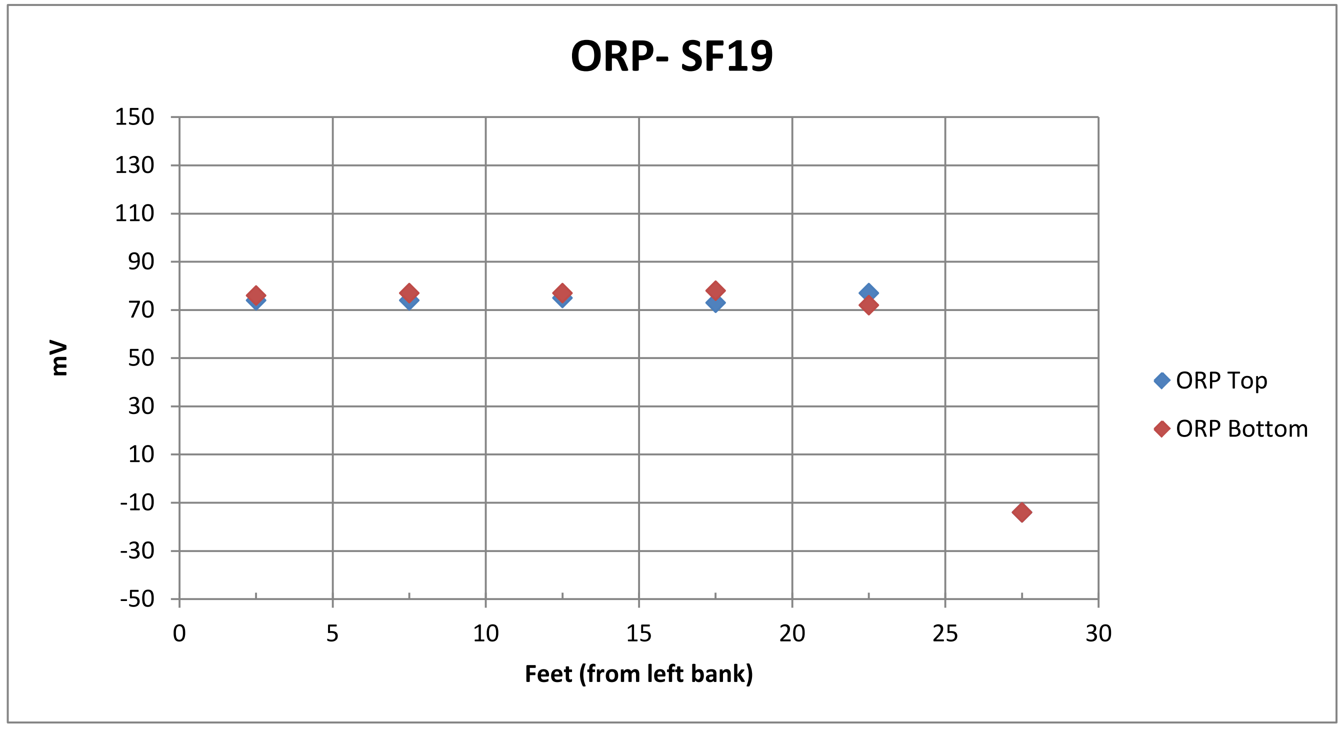


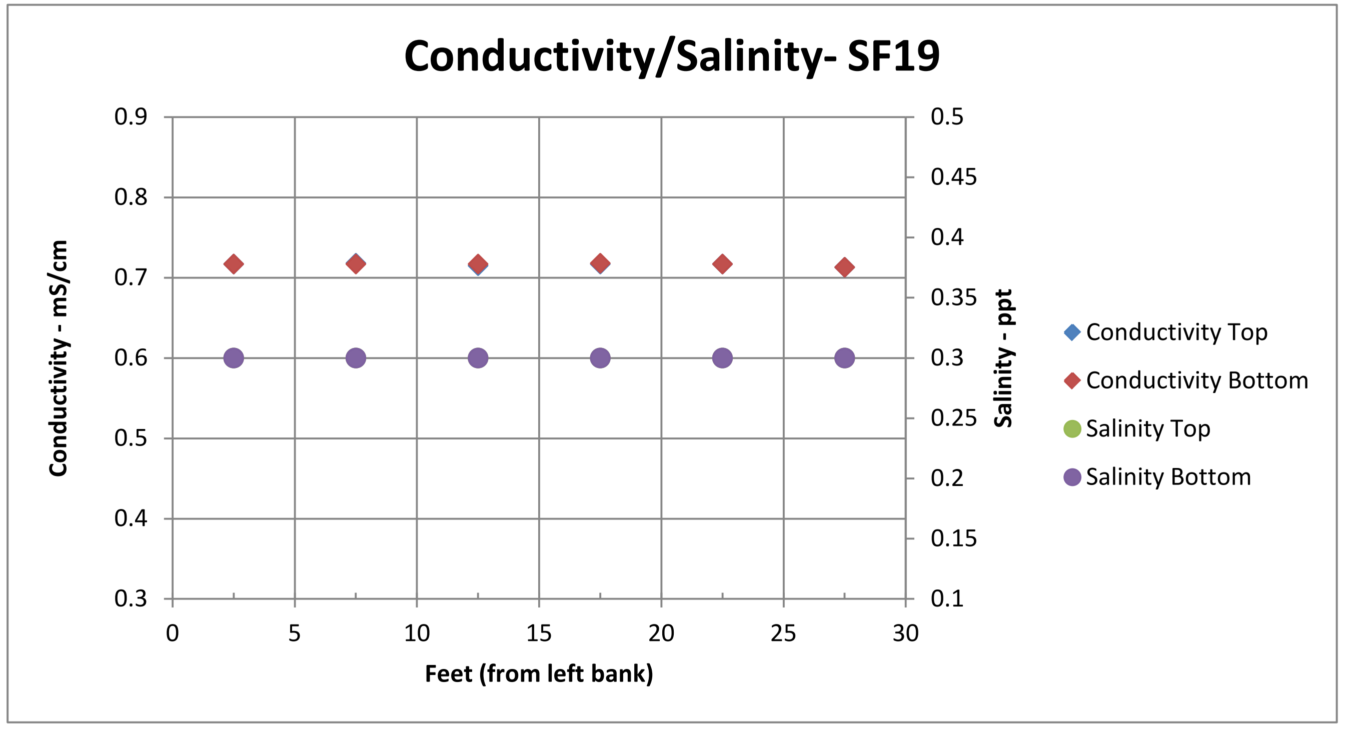
Temperature/pH- SF12

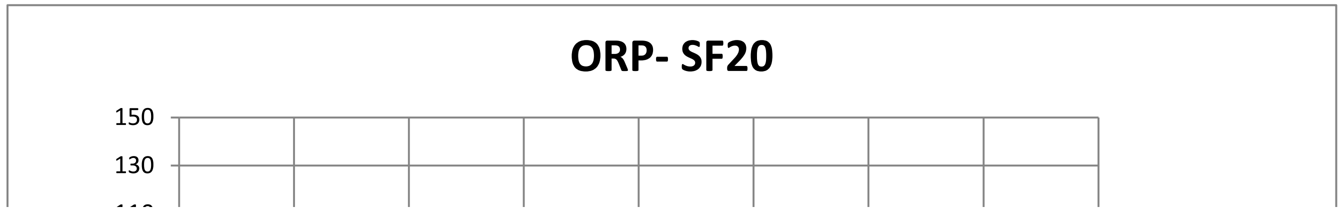


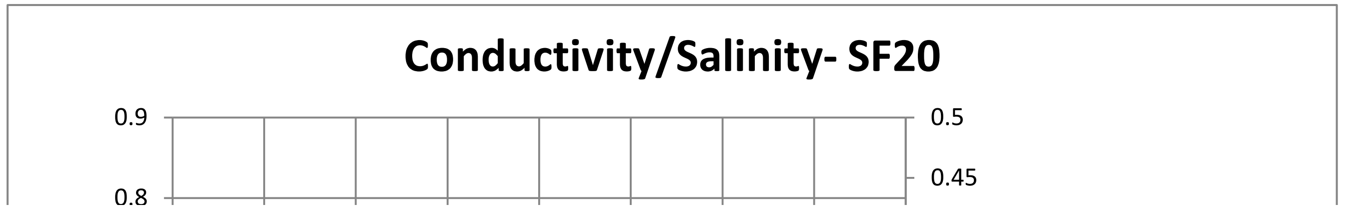

ORP- SF18
150
130
110
90
70
50
30
10
-10
-30
-50
mV
0
5
10
15
20
Feet (from left bank)
ORP Top
ORP Bottom

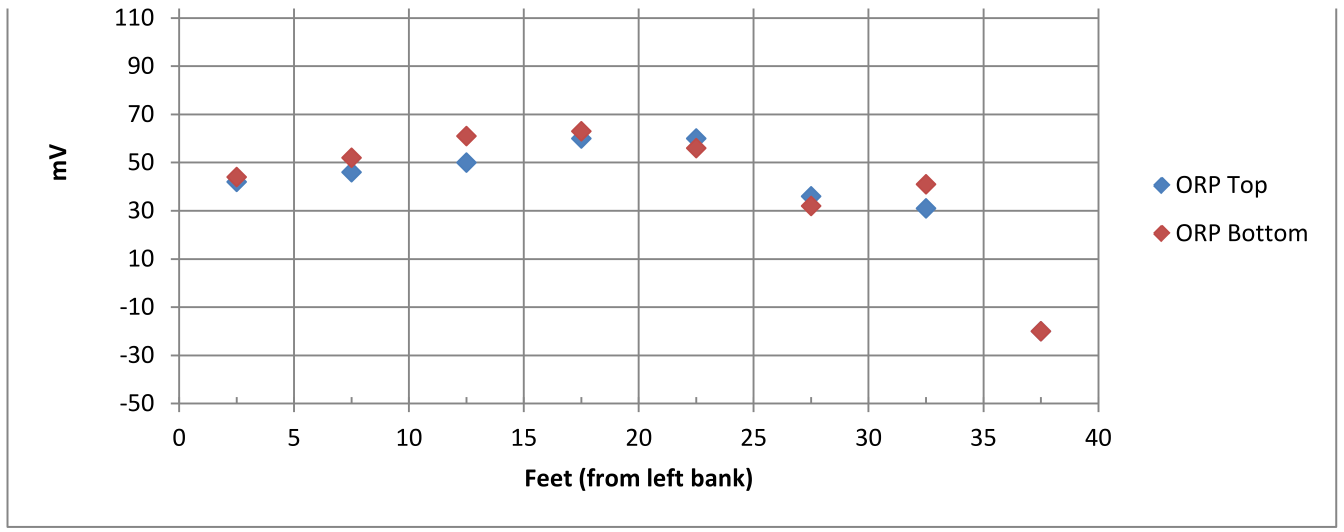

Conductivity/Salinity- SF18
0.9
0.8
0.7
0.6
0.5
0.4
0.3
Conductivity - mS/cm
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
Salinity - ppt
0
5
10
15
20
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

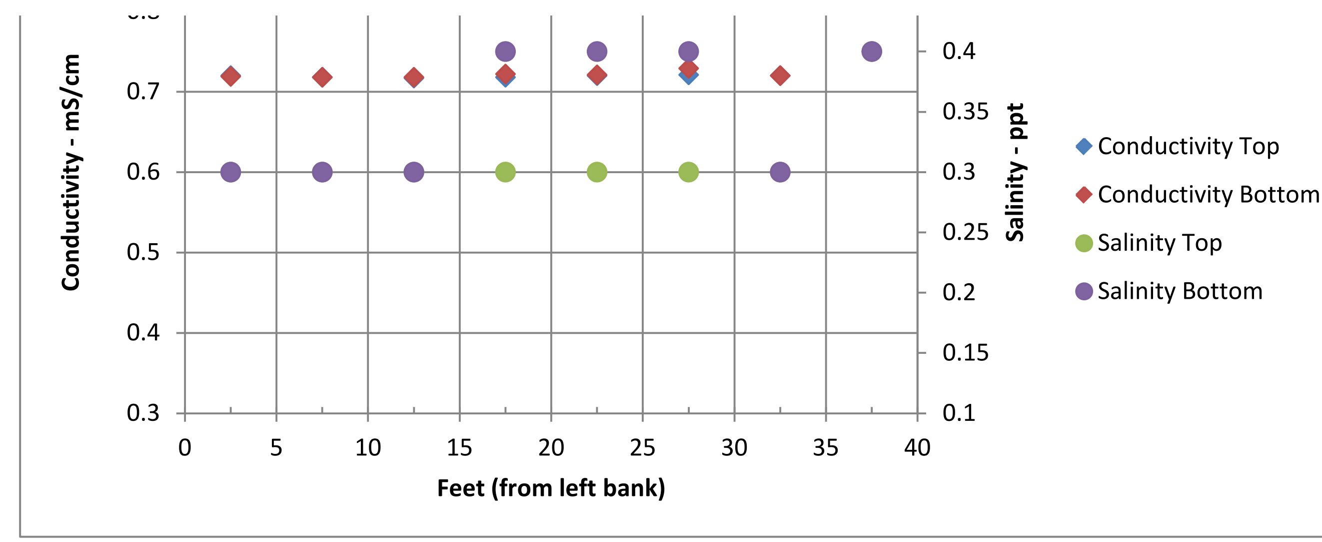

ORP- SF19
150
130
110
90
70
50
30
10
-10
-30
-50
mV
0
5
10
15
20
25
30
Feet (from left bank)
ORP Top
ORP Bottom


Conductivity/Salinity- SF19
0.9
0.8
0.7
0.6
0.5
0.4
0.3
Conductivity - mS/cm
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
Salinity - ppt
0
5
10
15
20
25
30
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

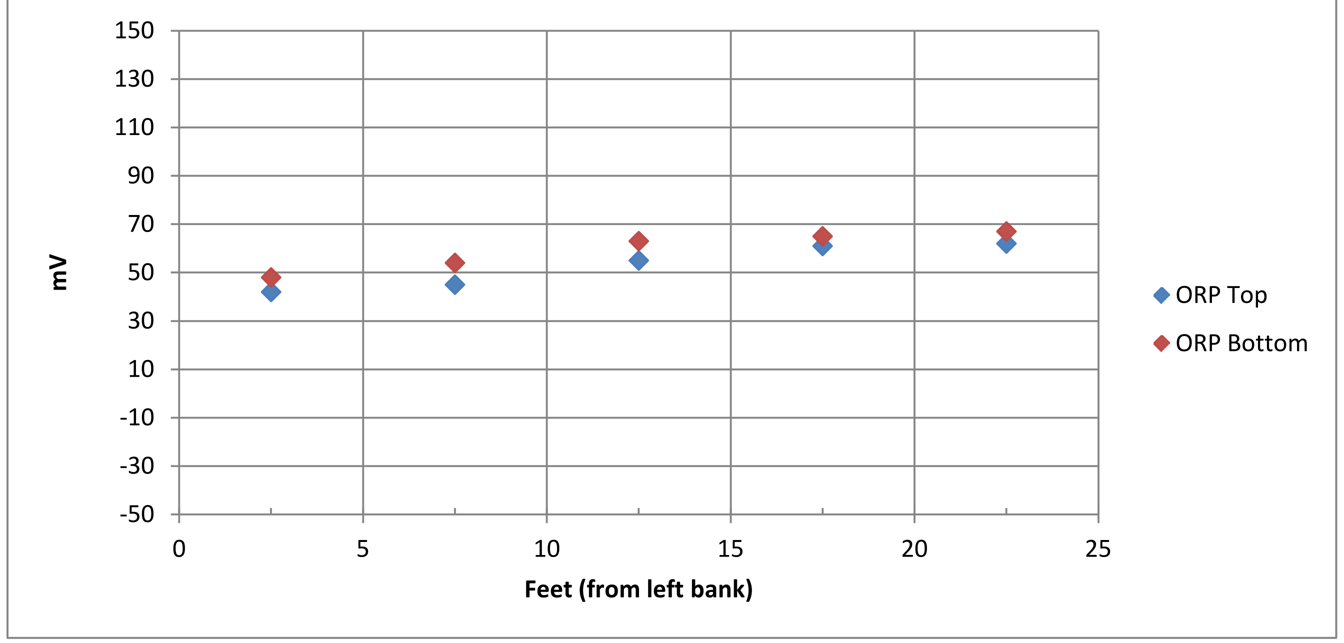

ORP- SF20
150
130


Conductivity/Salinity- SF20
0.9
0.8
0.5
0.45

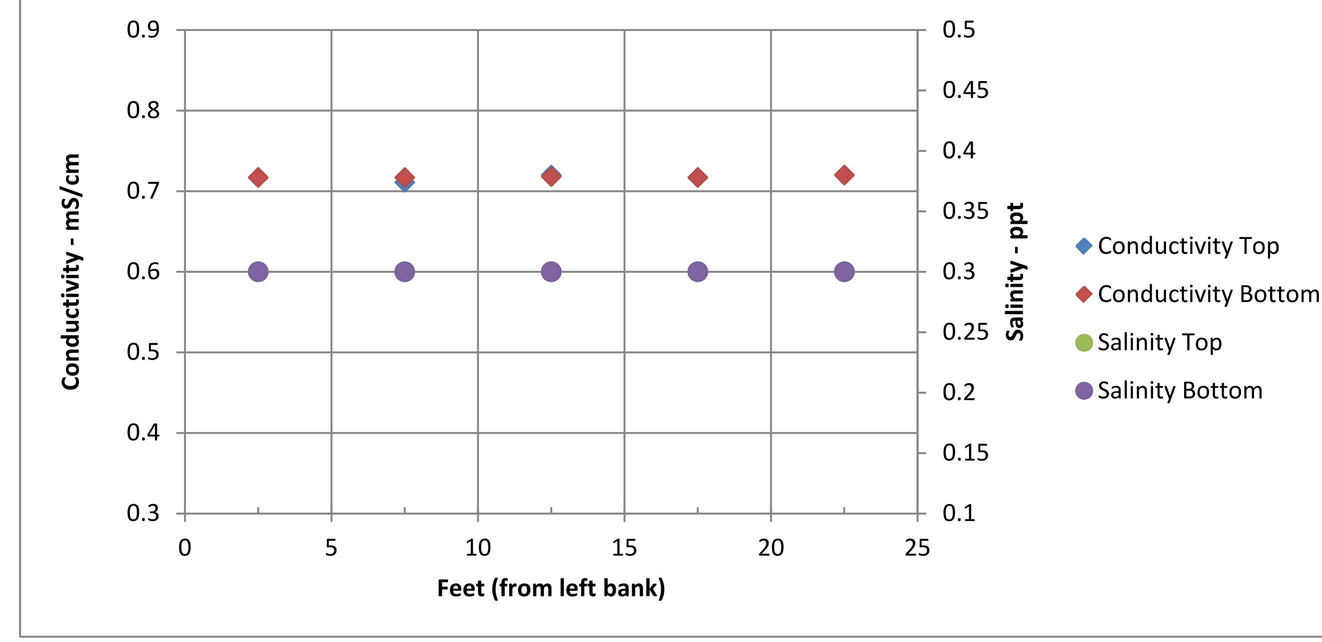




ORP- SF21

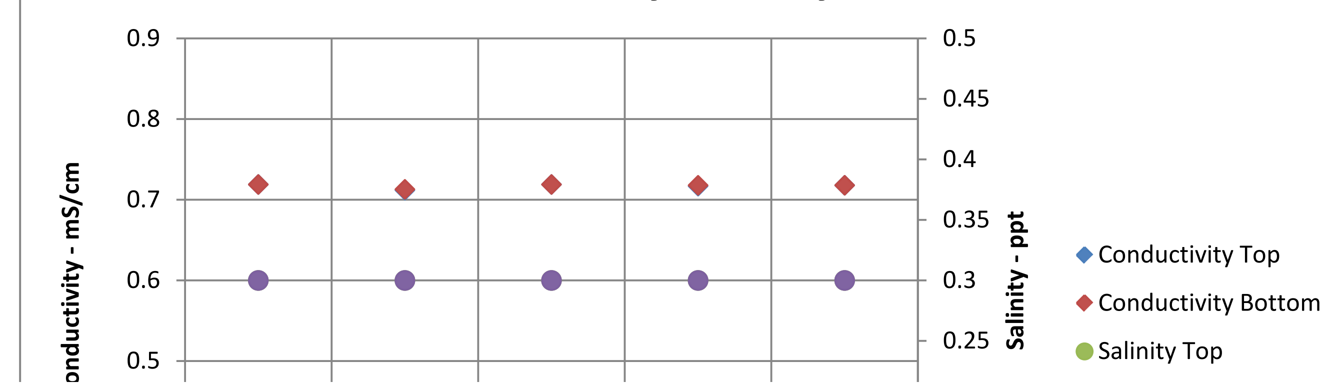


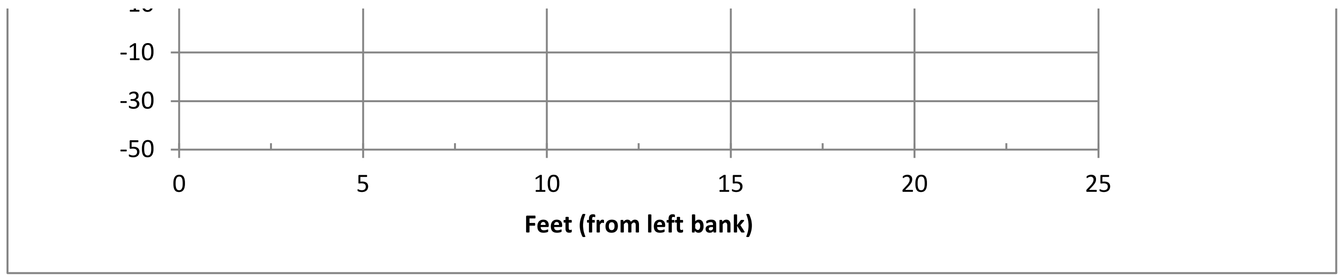
Conductivity/Salinity- SF21

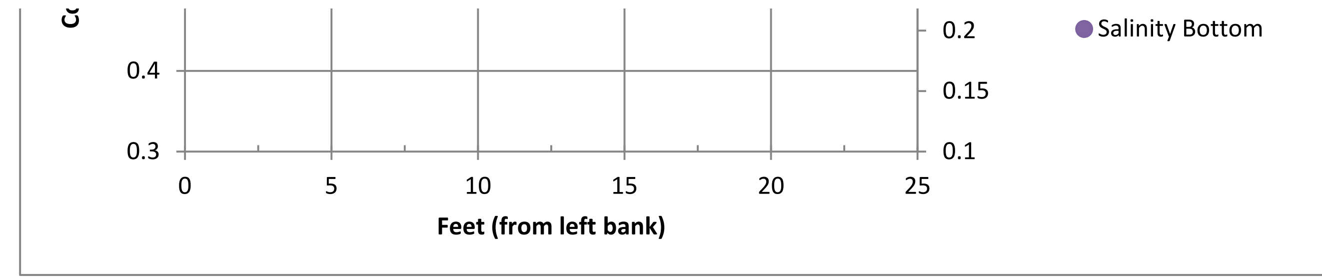


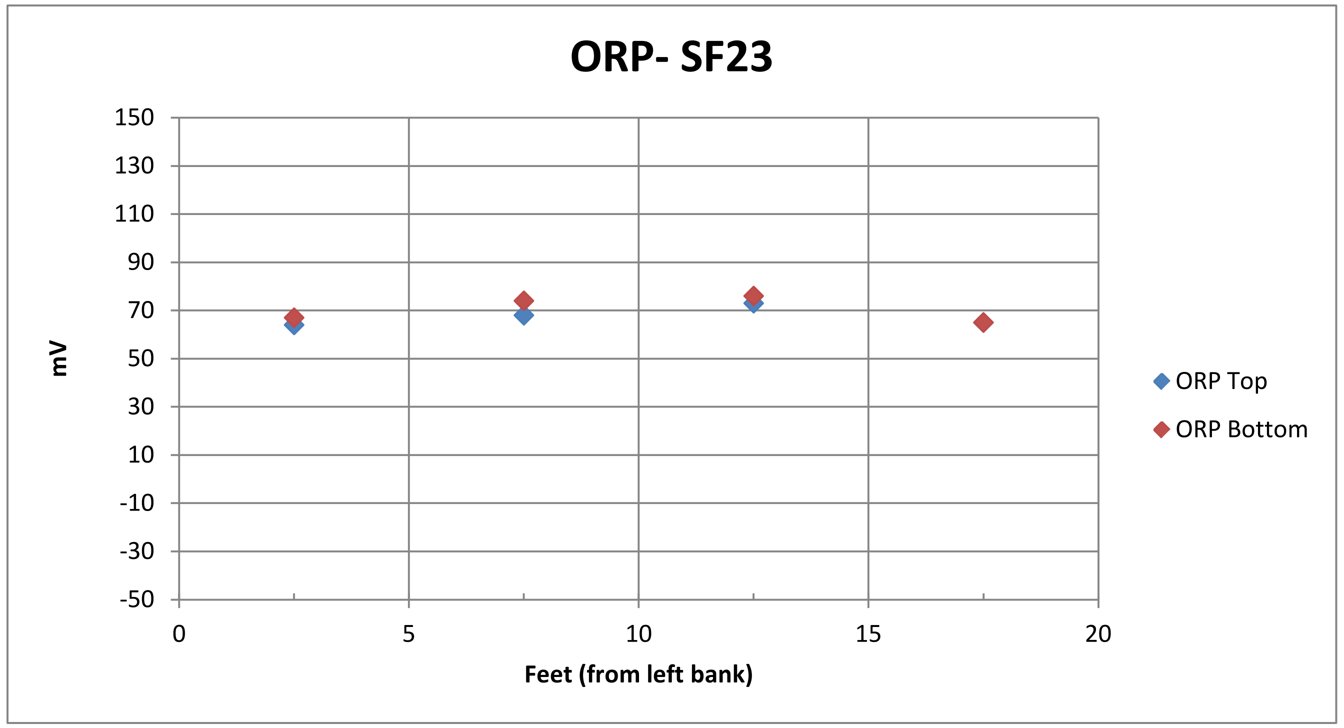
ORP- SF22

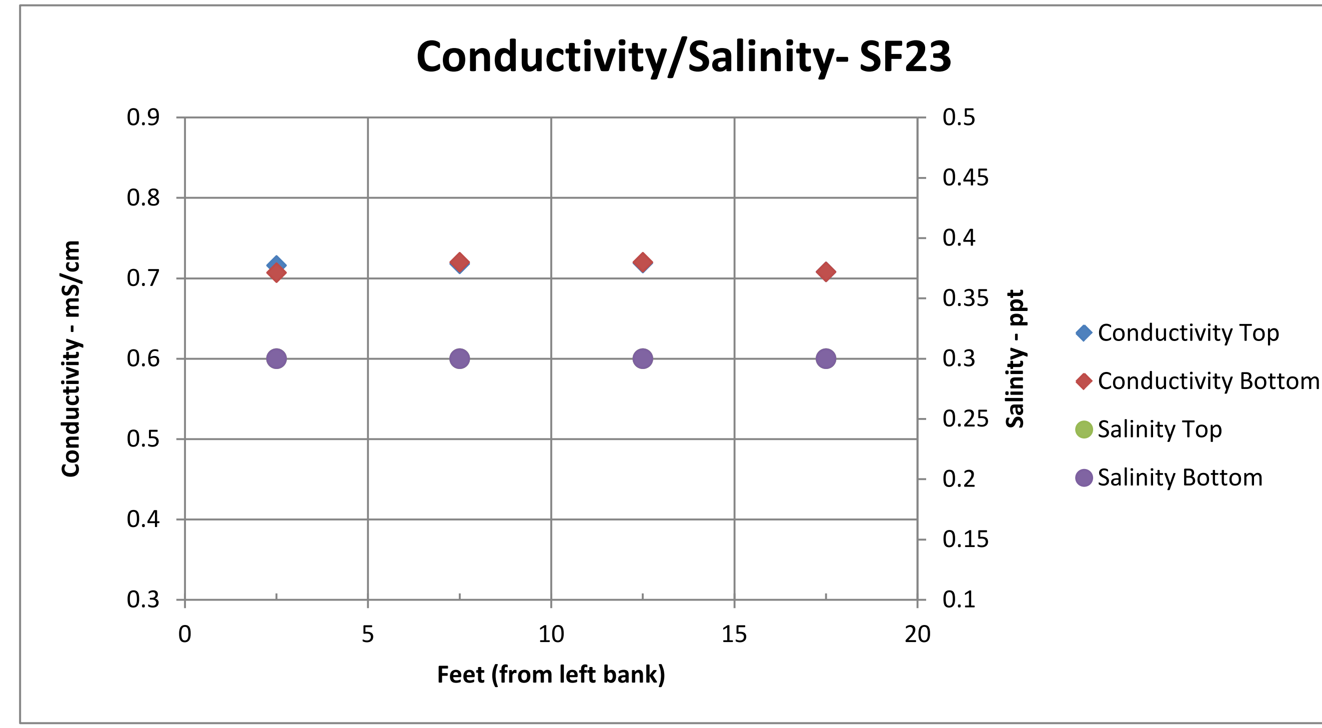
Conductivity/Salinity- SF22

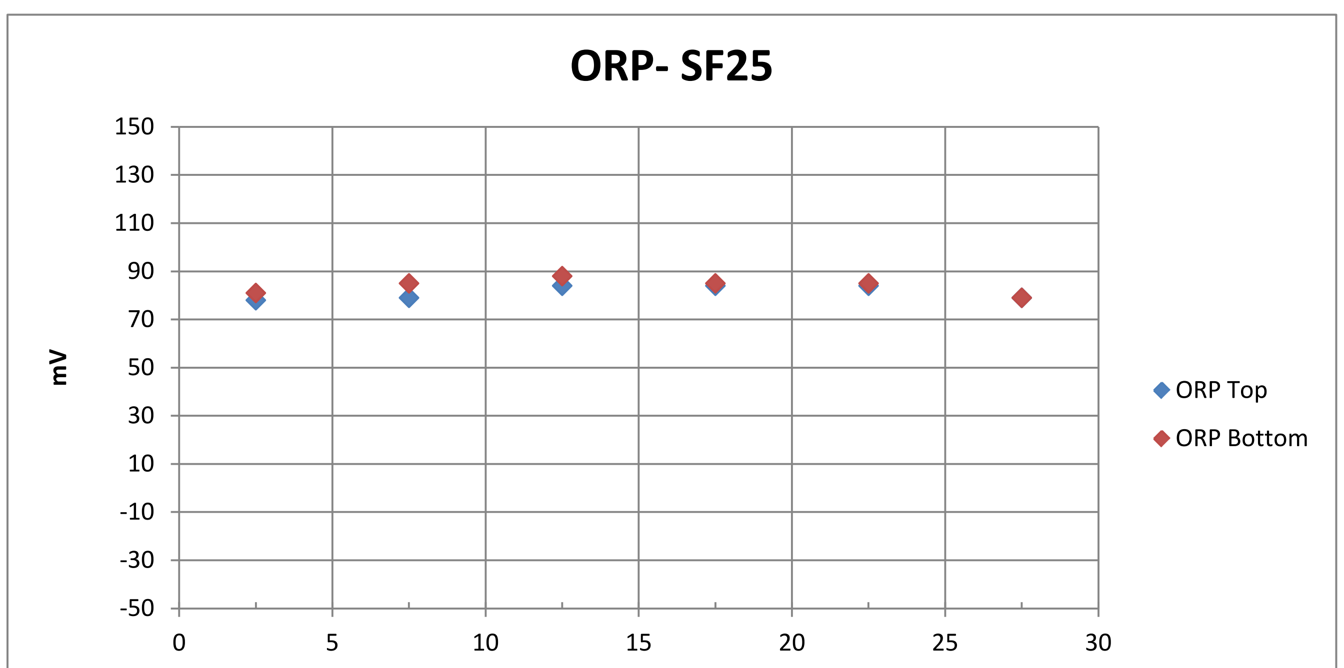


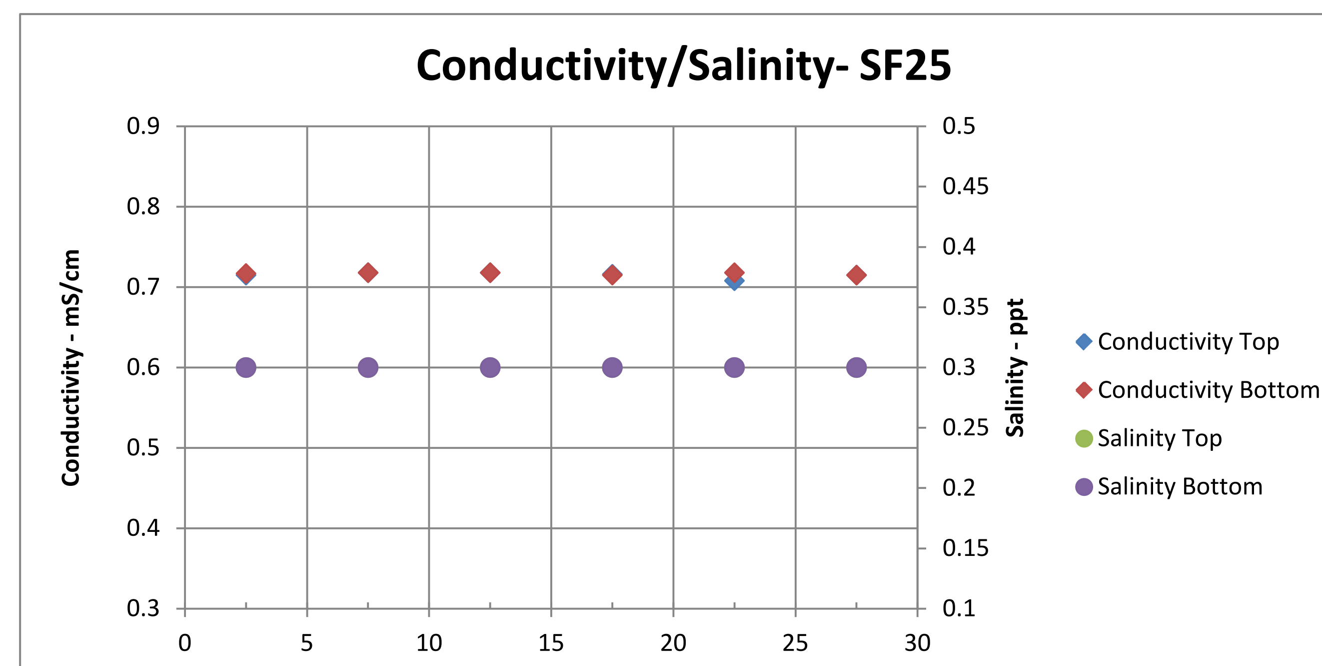

-10
-30
-50
0
5
10
15
20
25
Feet (from left bank)


0.4
0.3
0.2
0.15
0.1
0
5
10
15
20
25
Feet (from left bank)
Salinity Bottom


ORP- SF23
mV
150
130
110
90
70
50
30
10
-10
-30
-50
0
5
10
15
20
Feet (from left bank)
ORP Top
ORP Bottom

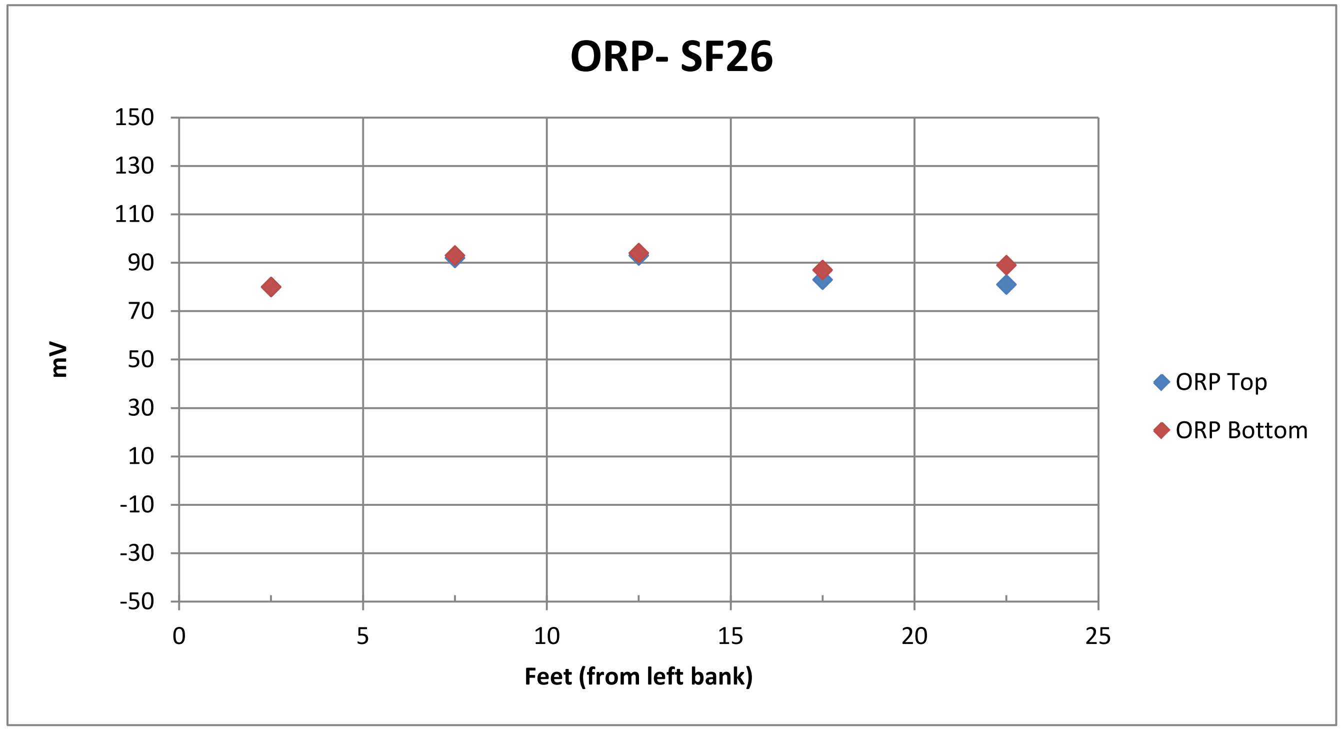

Conductivity/Salinity- SF23
Conductivity - mS/cm
Salinity - ppt
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0
5
10
15
20
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

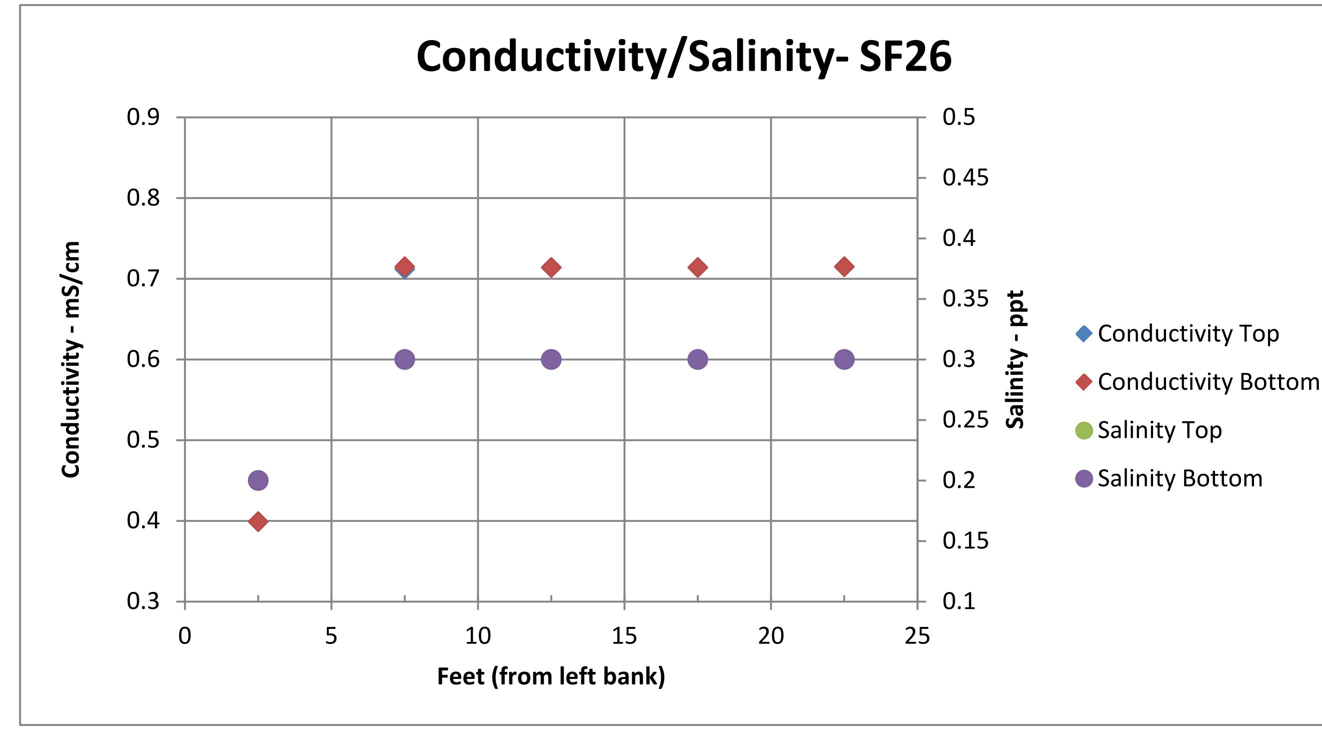

ORP- SF25
mV
150
130
110
90
70
50
30
10
-10
-30
-50
0
5
10
15
20
25
30
ORP Top
ORP Bottom

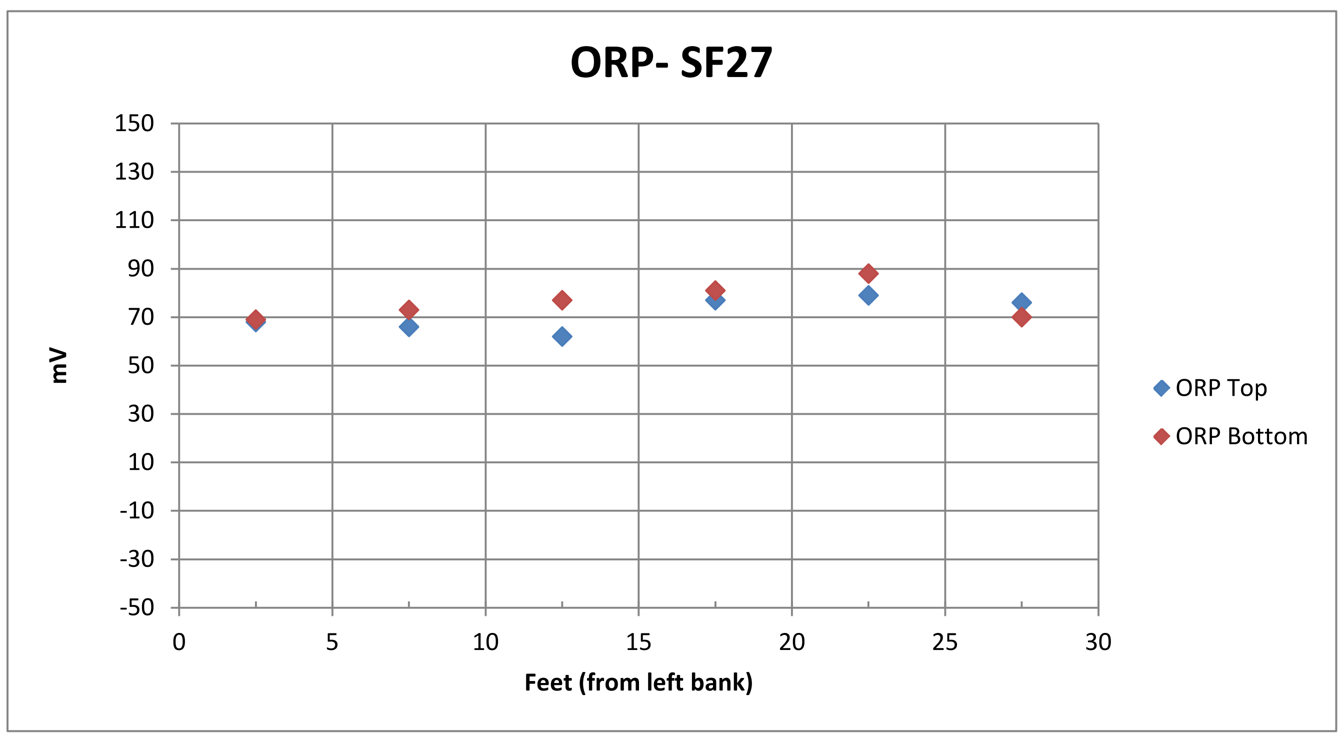

Conductivity/Salinity- SF25
Conductivity - mS/cm
Salinity - ppt
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0
5
10
15
20
25
30
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

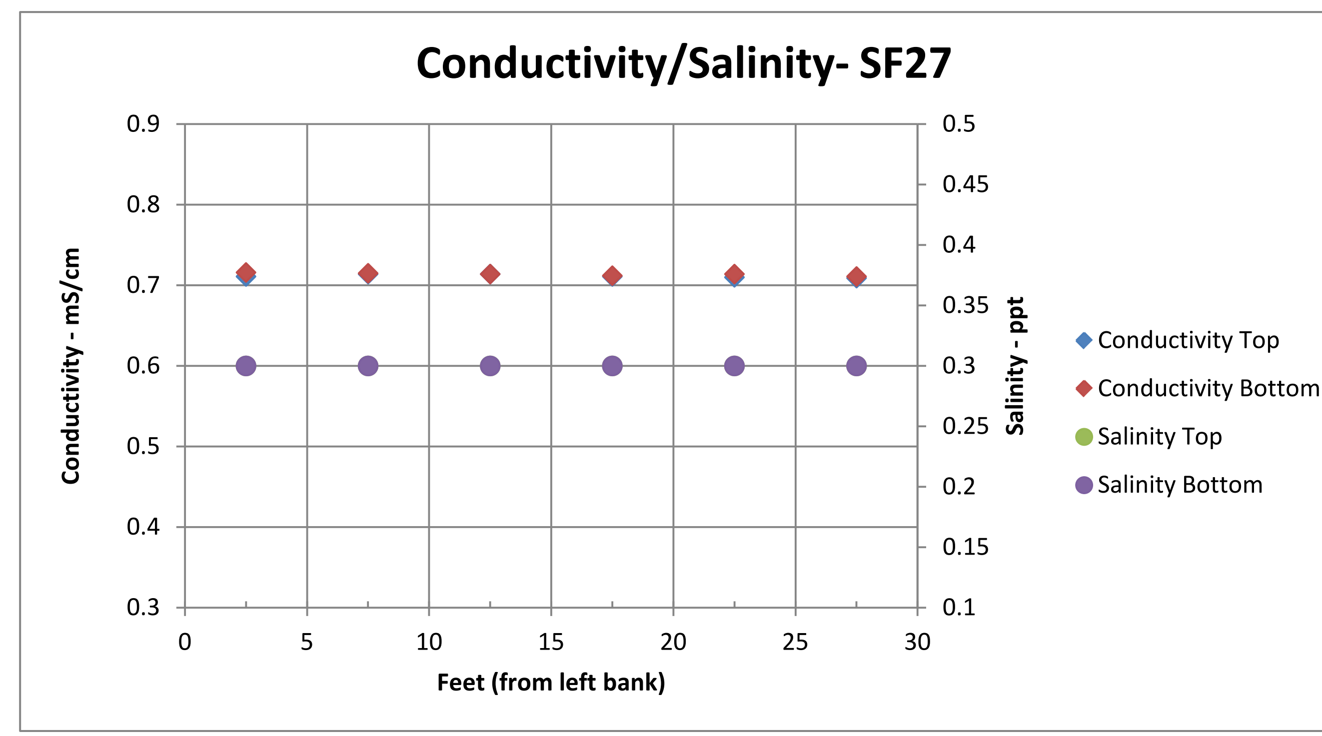

Feet (from left bank)


Feet (from left bank)


ORP- SF26
mV
Feet (from left bank)
ORP Top
ORP Bottom

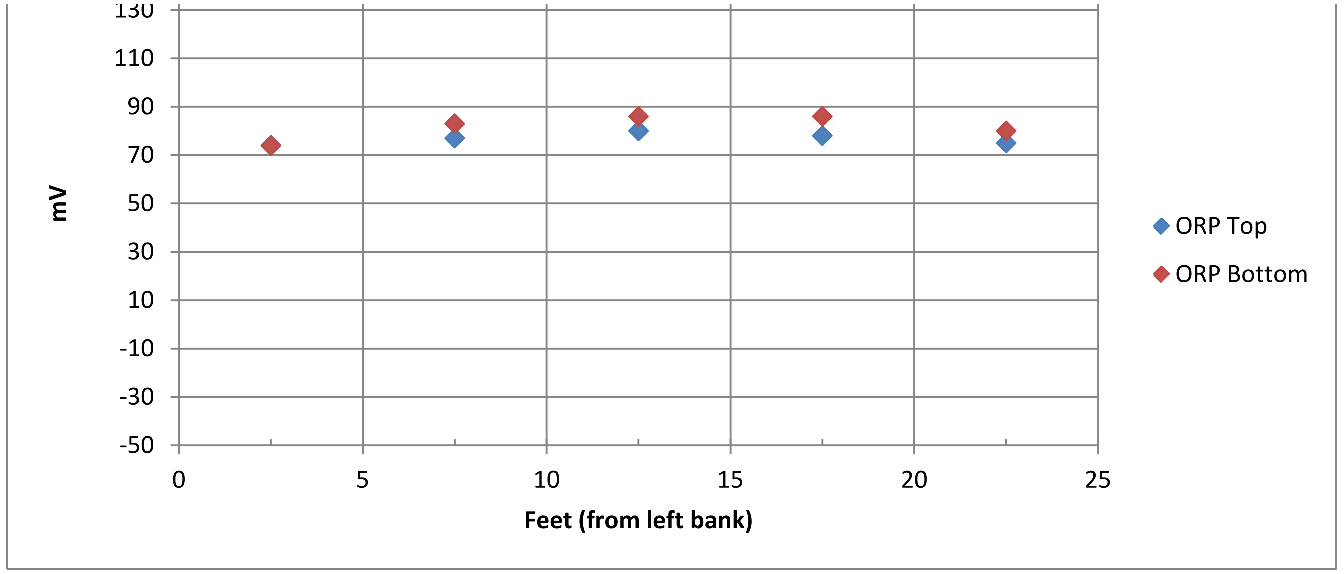

Conductivity/Salinity- SF26
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom


ORP- SF27
mV
Feet (from left bank)
ORP Top
ORP Bottom

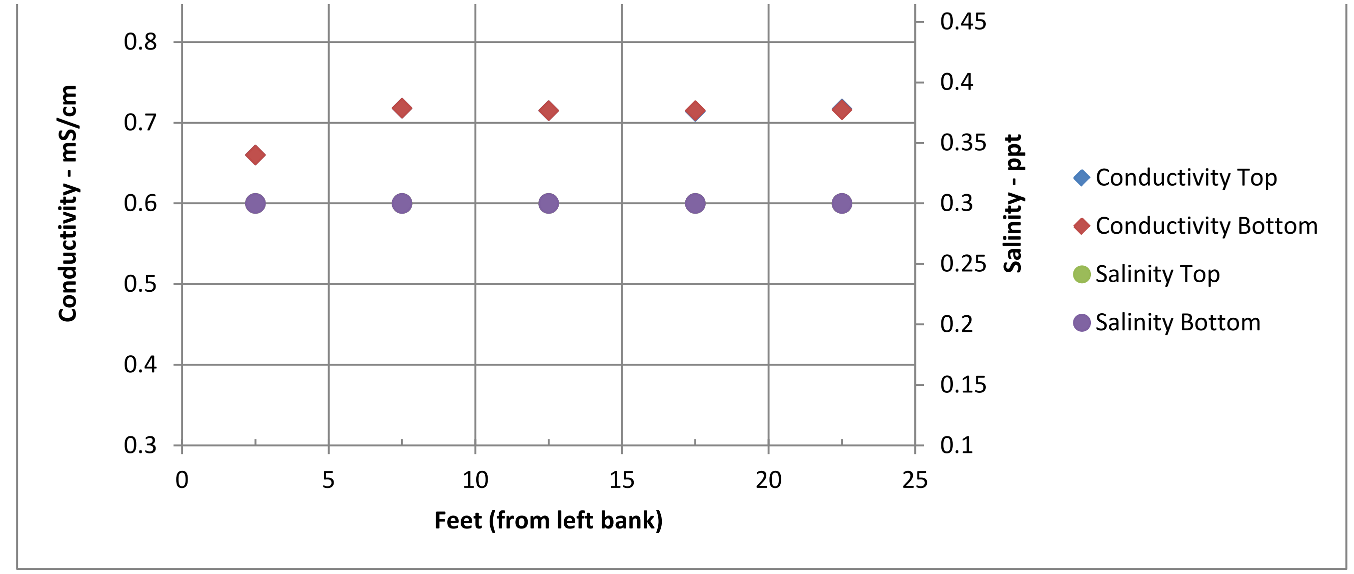

Conductivity/Salinity- SF27
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom


ORP- SF28

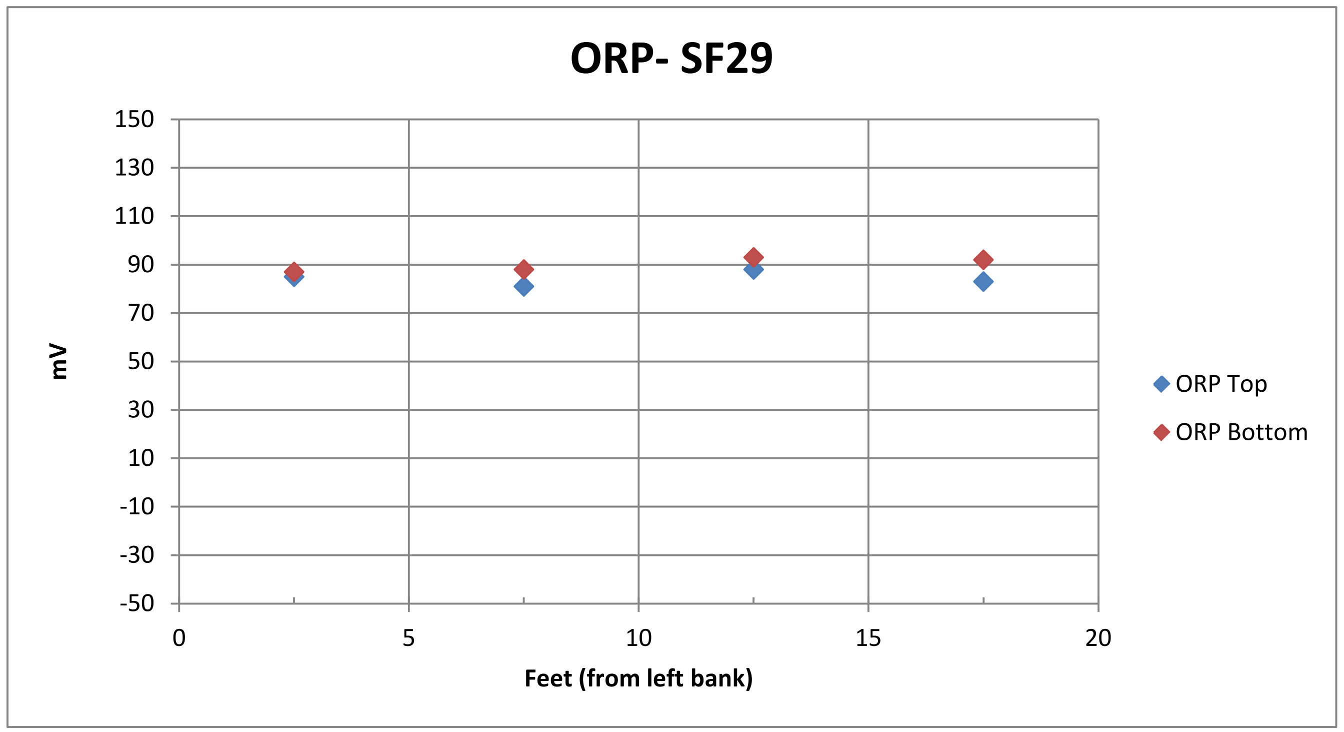

Conductivity/Salinity- SF28



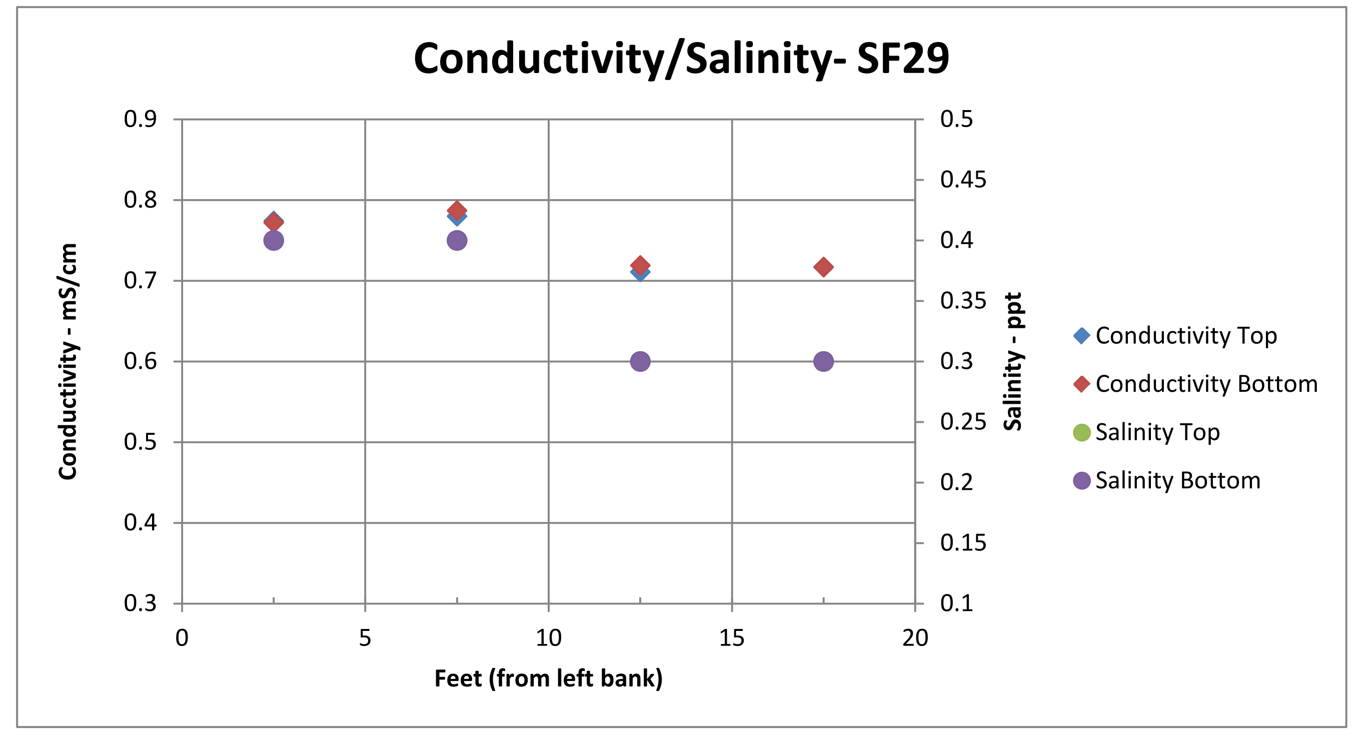
130
110
90
70
50
30
10
-10
-30
-50
mV
0
5
10
15
20
25
Feet (from left bank)
ORP Top
ORP Bottom



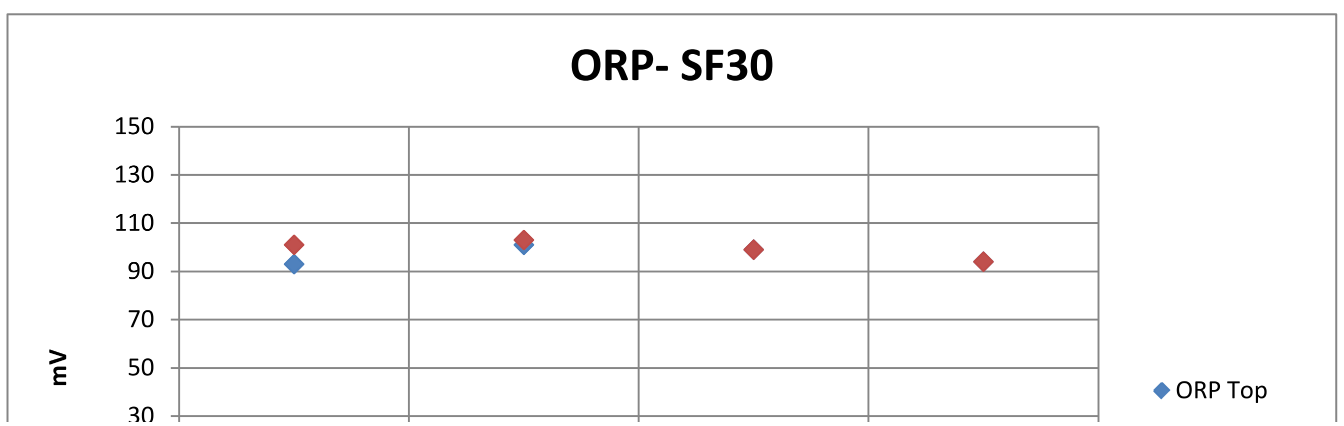
0.8
0.7
0.6
0.5
0.4
0.3
Conductivity - mS/cm
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
Salinity - ppt
0
5
10
15
20
25
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom



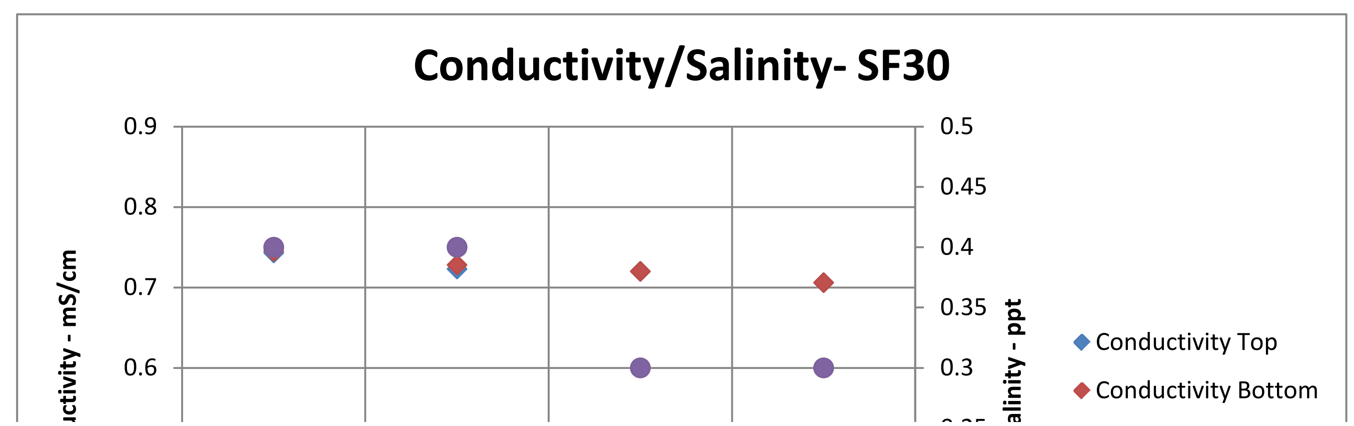
ORP- SF29
150
130
110
90
70
50
30
10
-10
-30
-50
mV
0
5
10
15
20
Feet (from left bank)
ORP Top
ORP Bottom



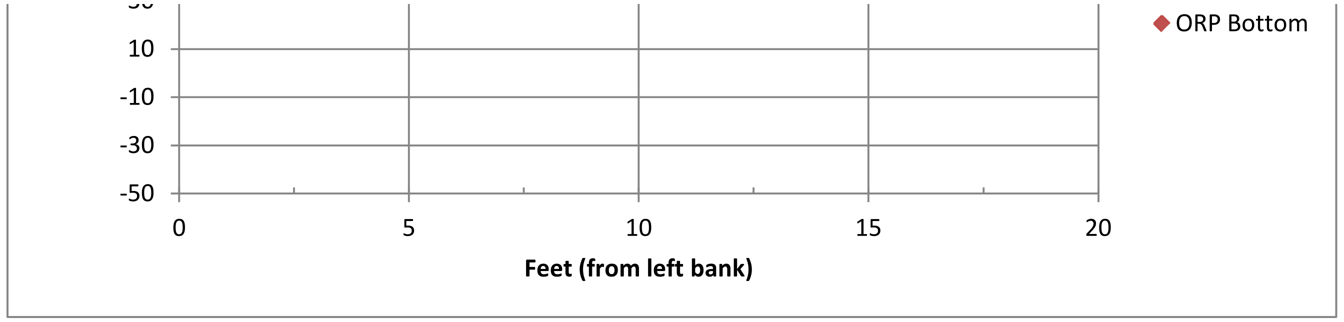
Conductivity/Salinity- SF29
0.9
0.8
0.7
0.6
0.5
0.4
0.3
Conductivity - mS/cm
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
Salinity - ppt
0
5
10
15
20
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

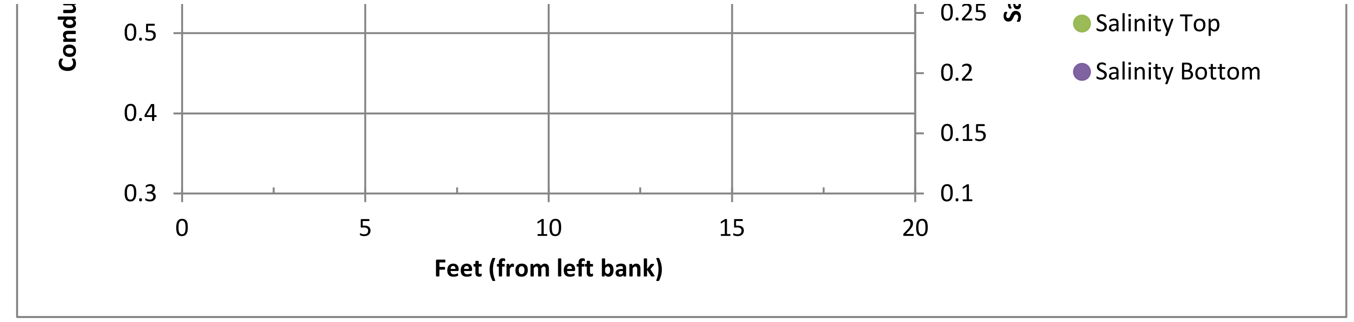


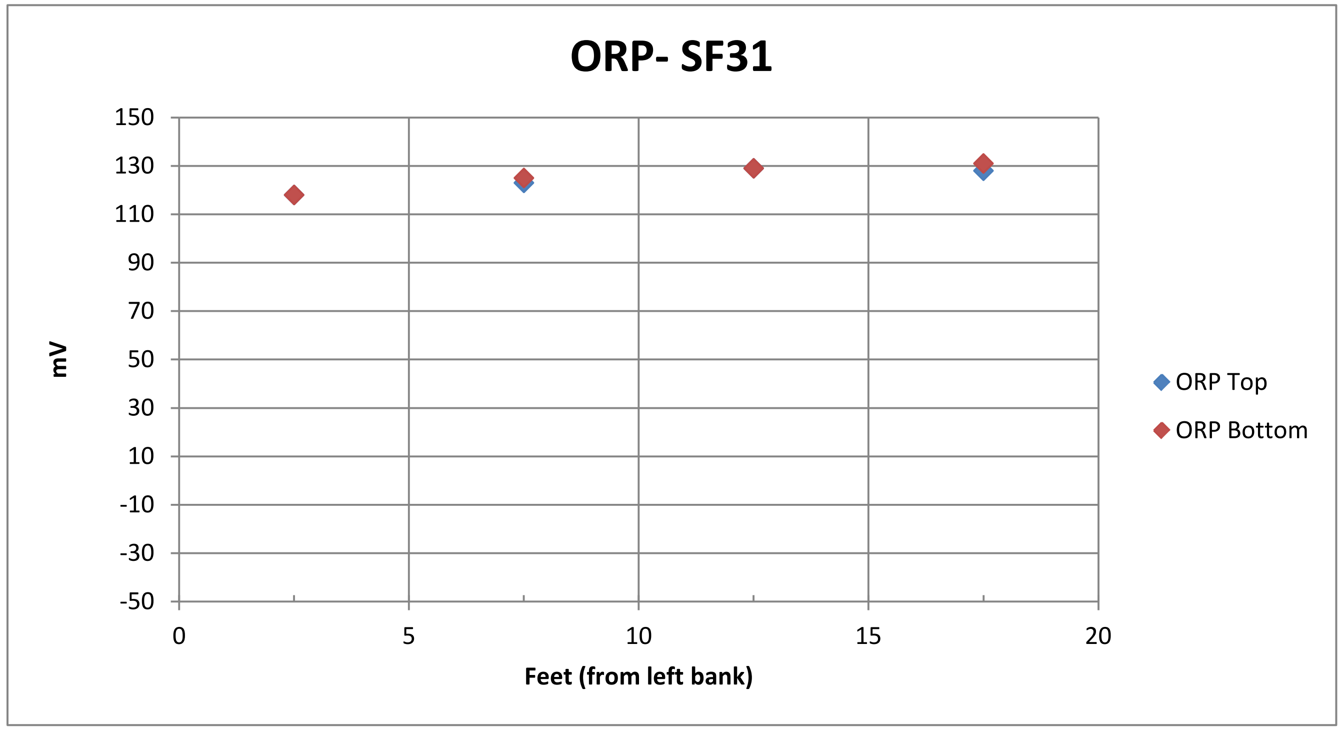
ORP- SF30
150
130
110
90
70
50
30
mV
ORP Top

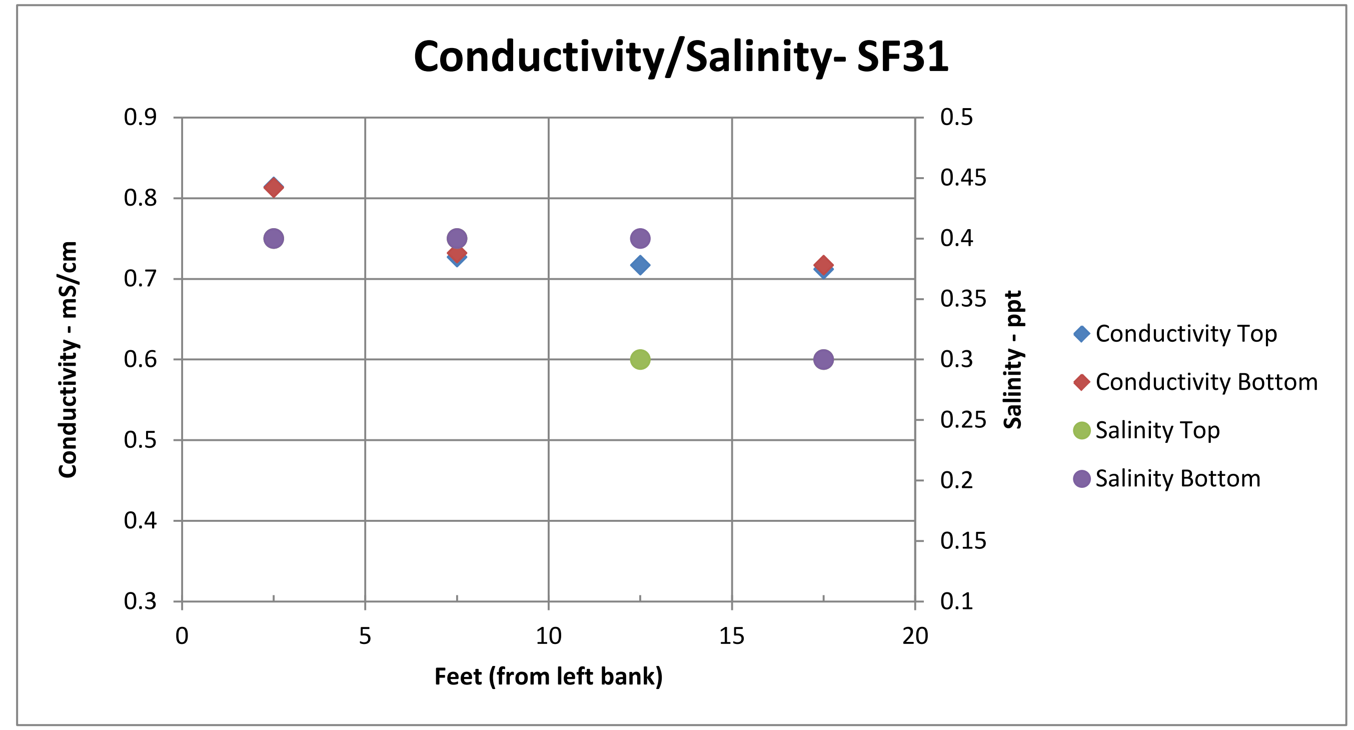


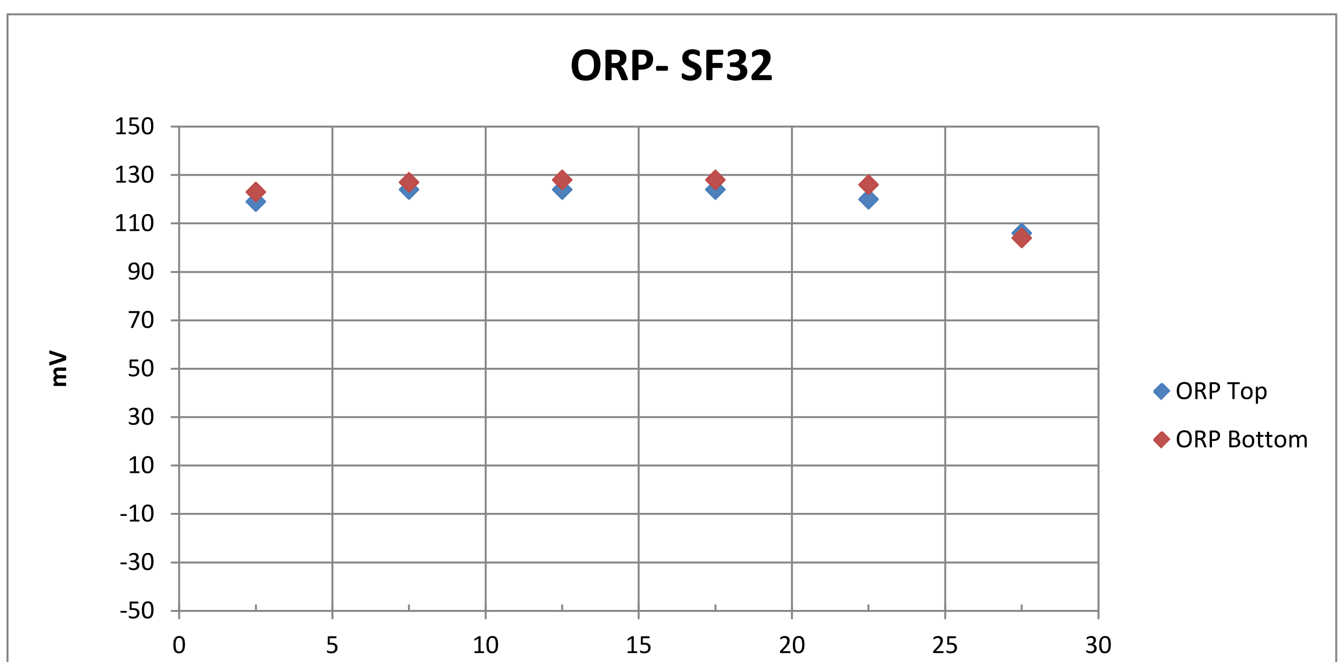
Conductivity/Salinity- SF30
0.9
0.8
0.7
0.6
0.5
0.45
0.4
0.35
0.3
Conductivity Top
Conductivity Bottom

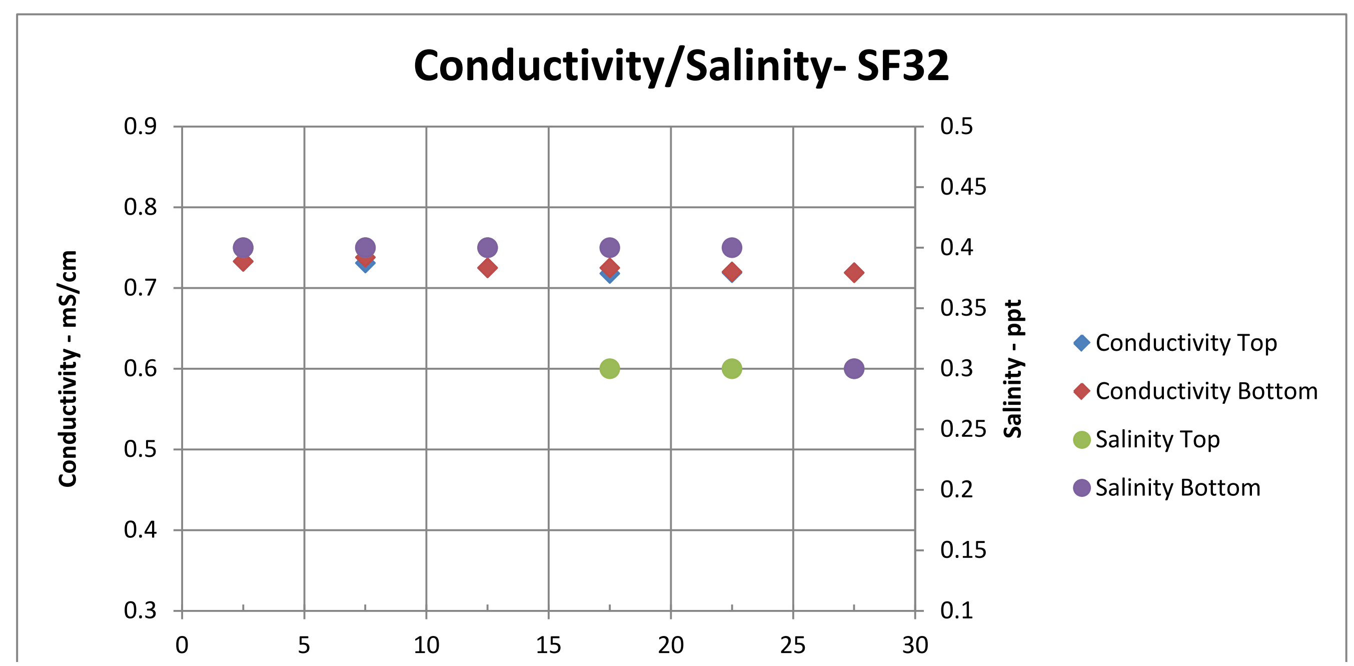

ORP Bottom
Feet (from left bank)


Salinity Top
Salinity Bottom
Feet (from left bank)

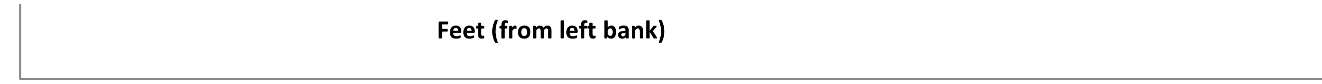

ORP- SF31
mV
ORP Top
ORP Bottom
Feet (from left bank)

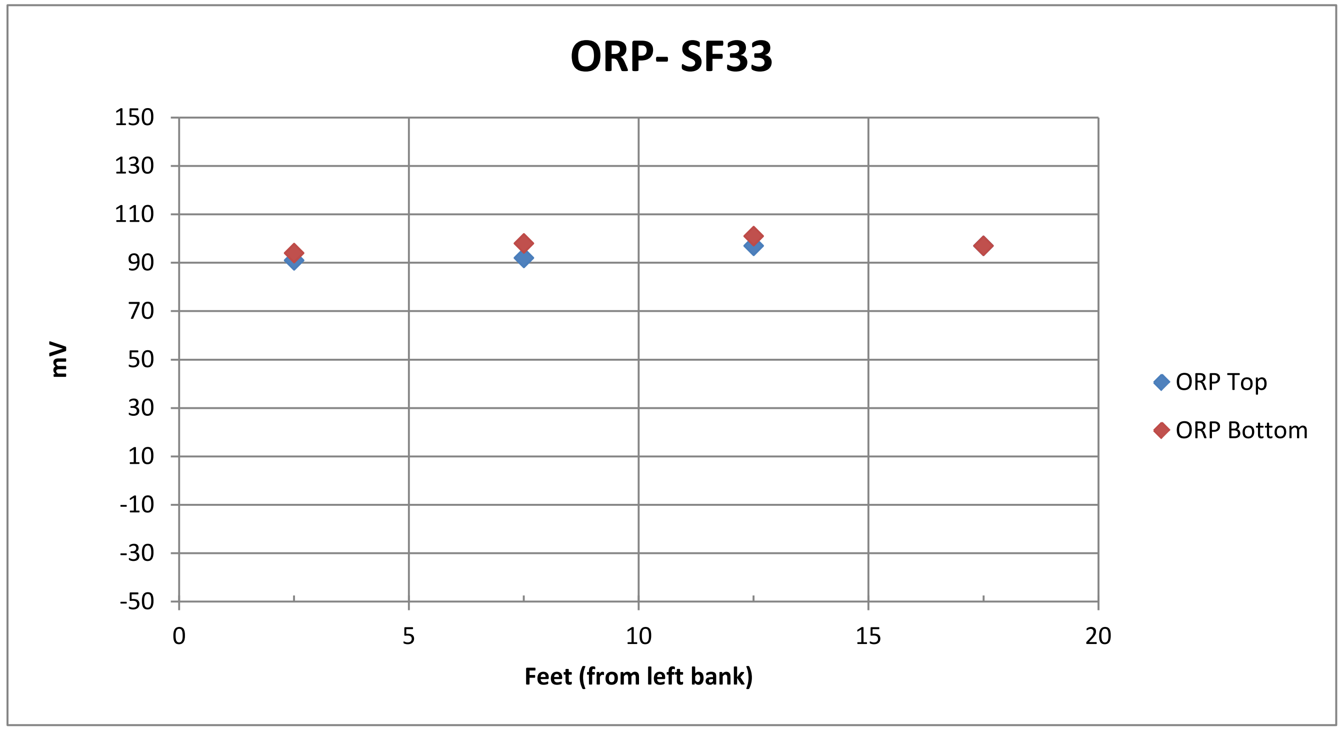

Conductivity/Salinity- SF31
Conductivity - mS/cm
Salinity - ppt
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom
Feet (from left bank)

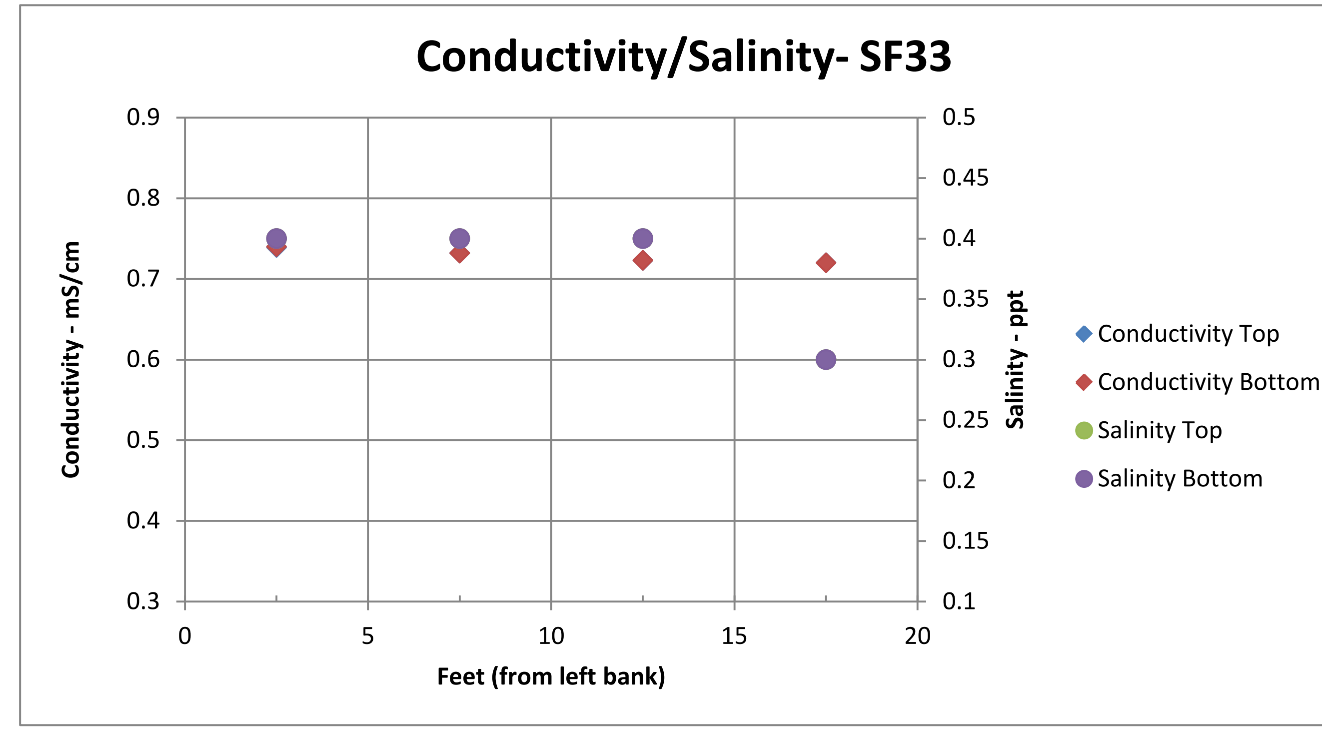

ORP- SF32
mV
ORP Top
ORP Bottom

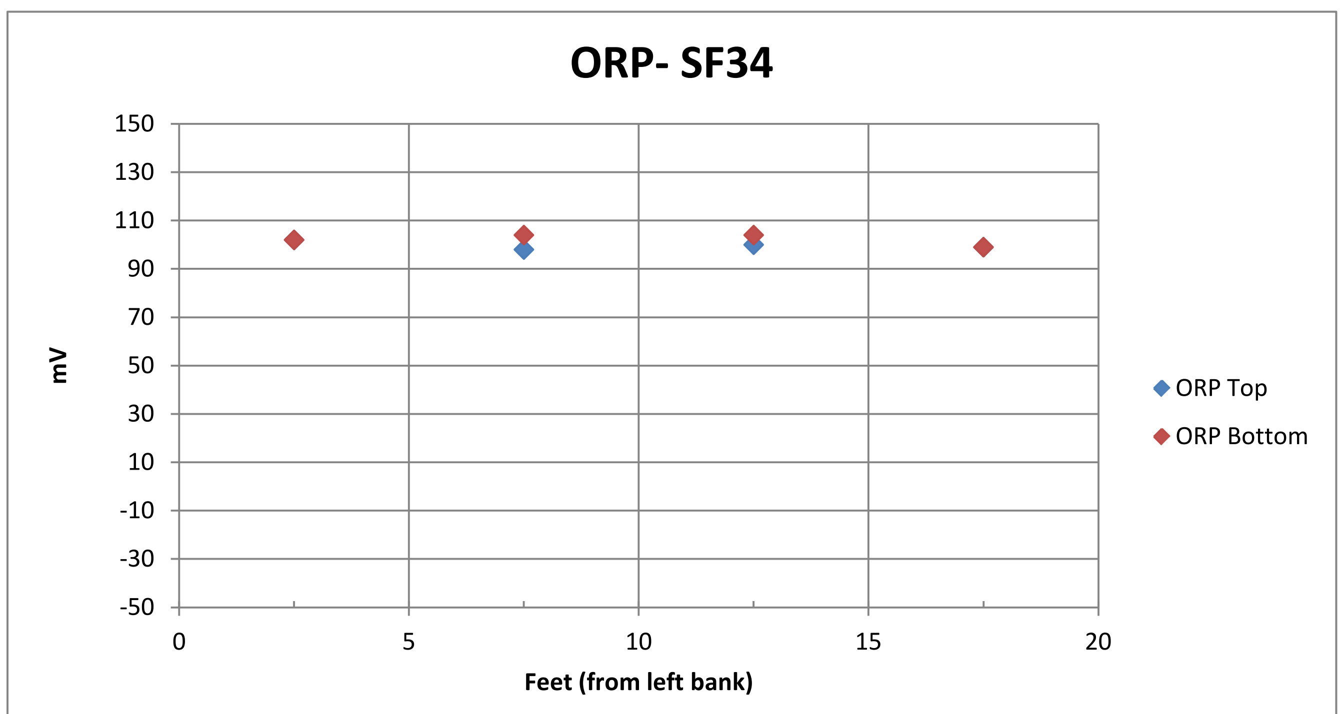

Conductivity/Salinity- SF32
Conductivity - mS/cm
Salinity - ppt
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

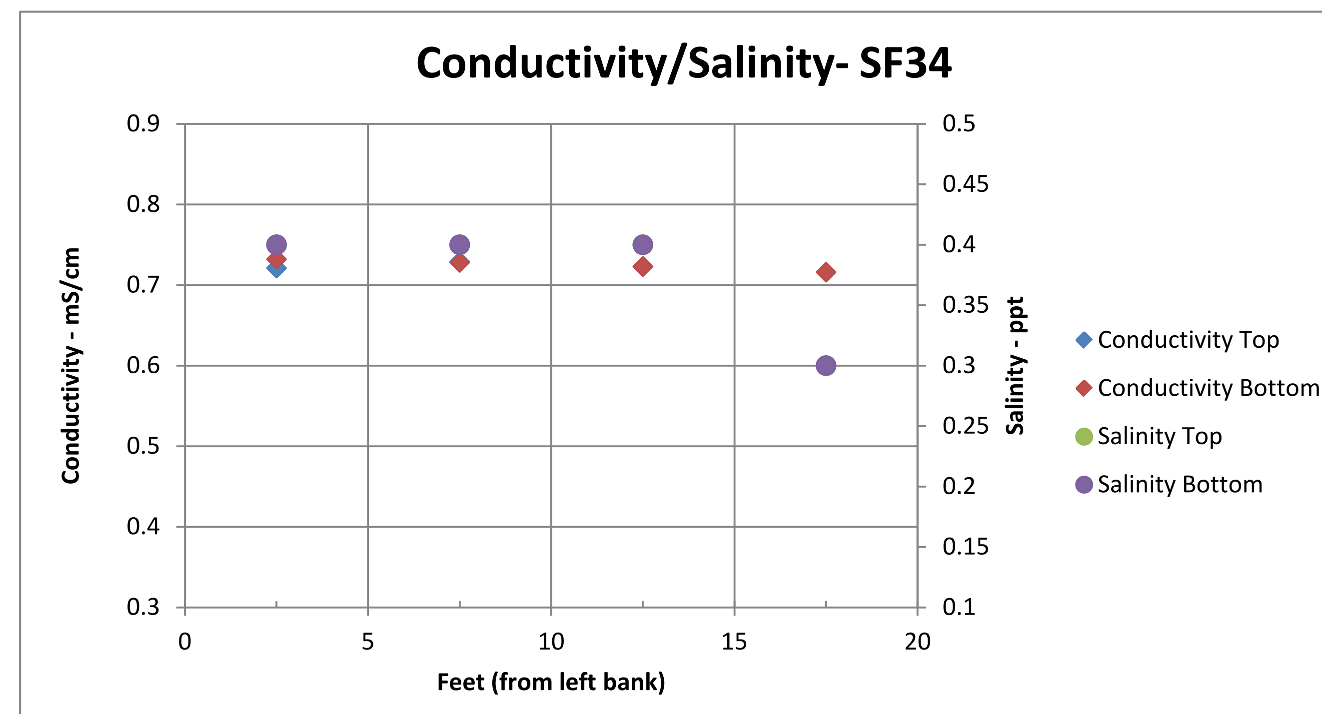

Feet (from left bank)

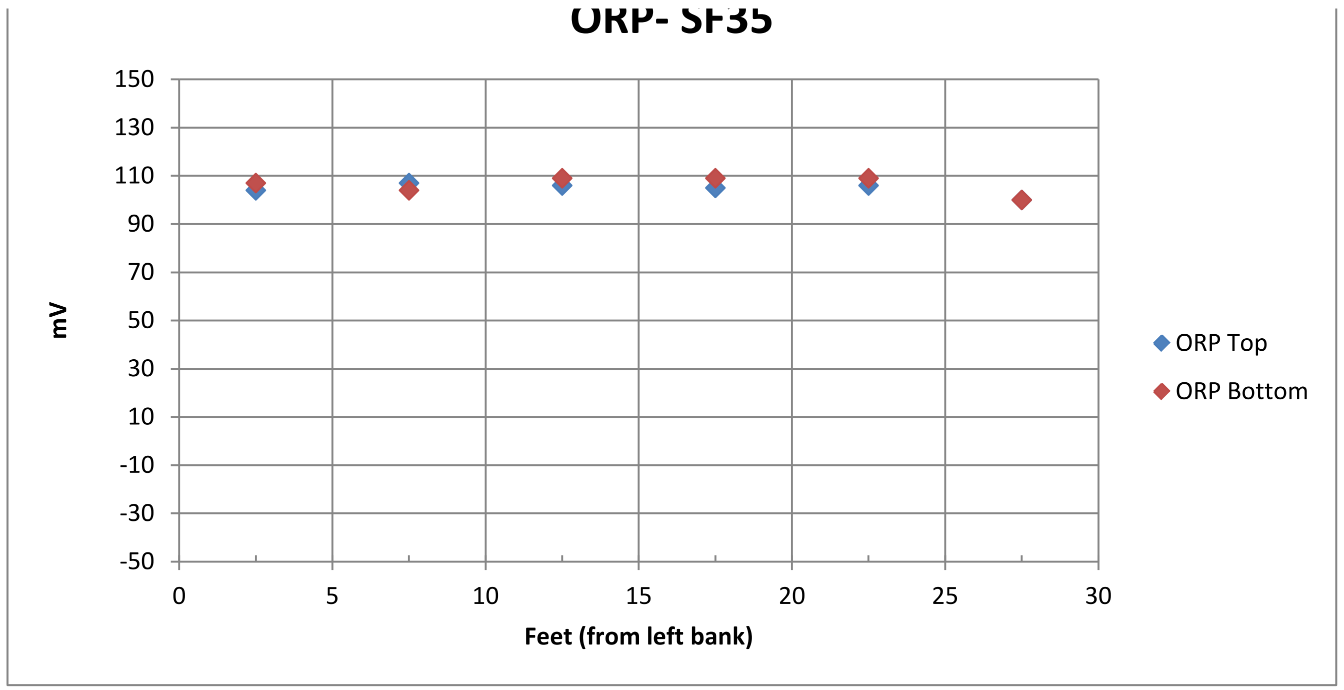

Feet (from left bank)

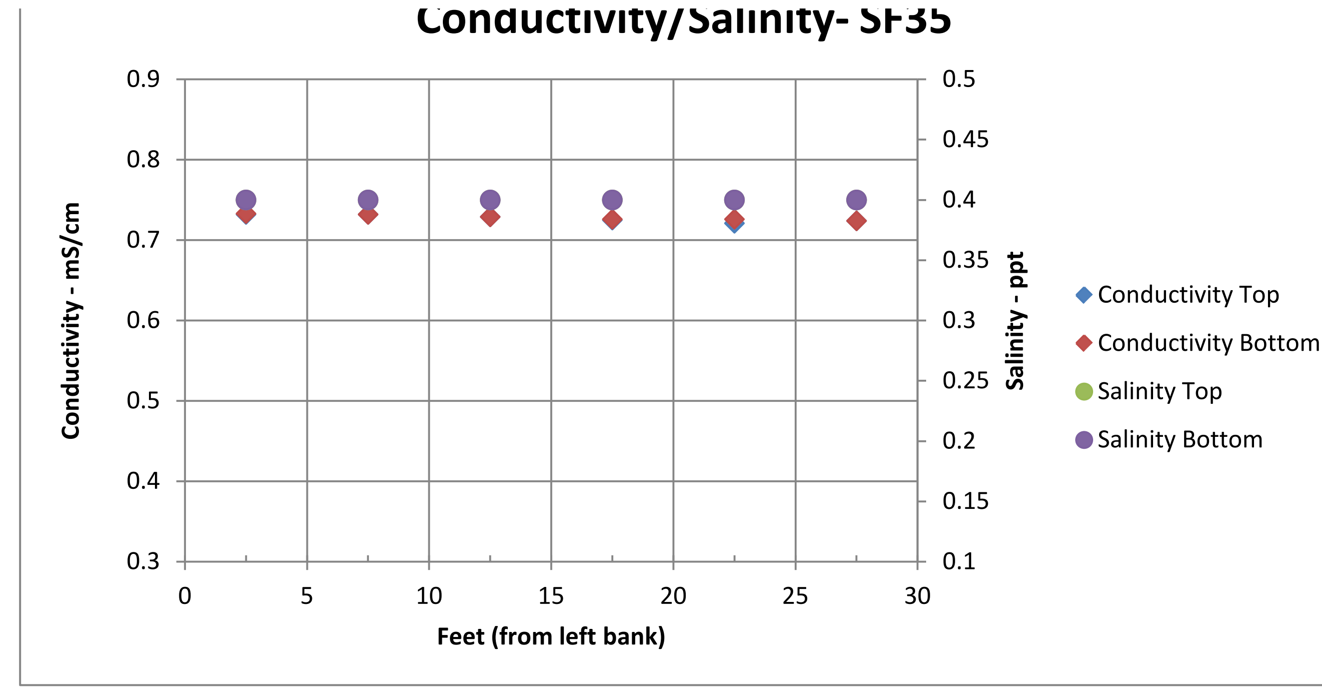

ORP- SF33
mV
150
130
110
90
70
50
30
10
-10
-30
-50
0
5
10
15
20
Feet (from left bank)
ORP Top
ORP Bottom

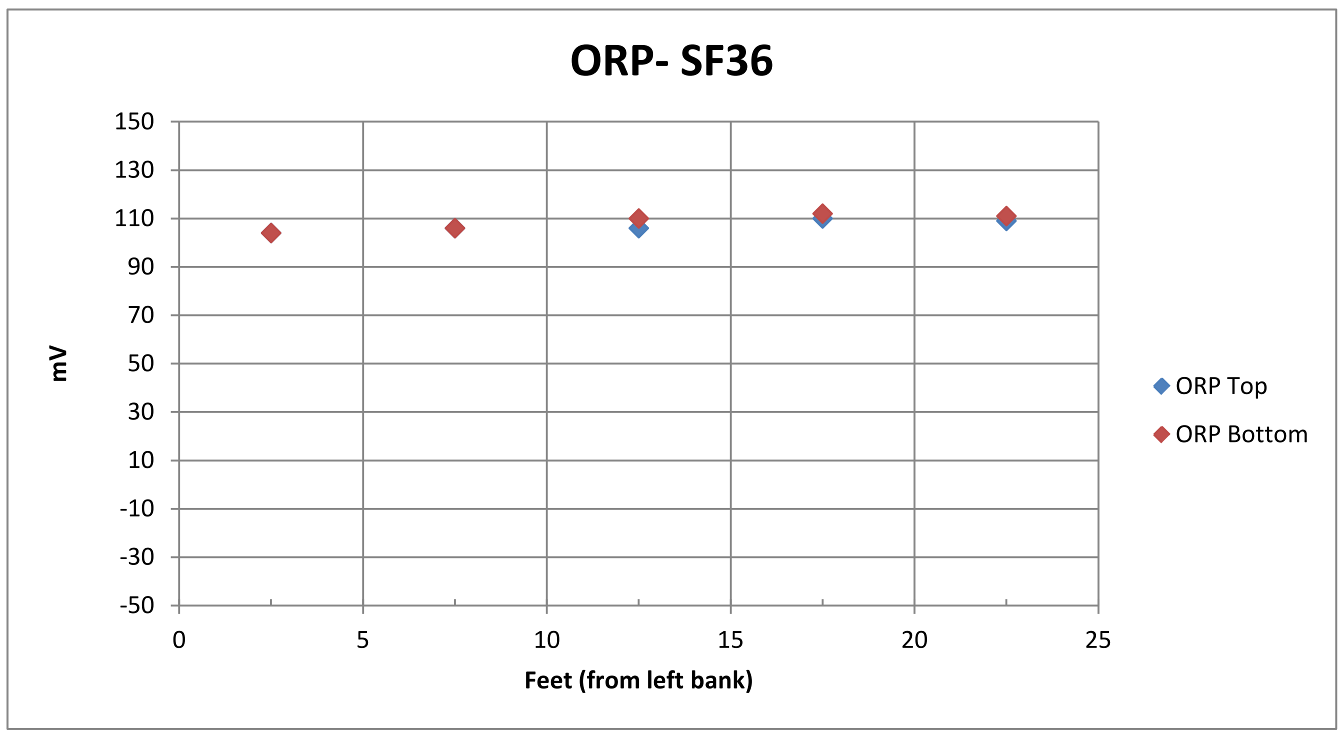

Conductivity/Salinity- SF33
Conductivity - mS/cm
0.9
0.8
0.7
0.6
0.5
0.4
0.3
Salinity - ppt
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0
5
10
15
20
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

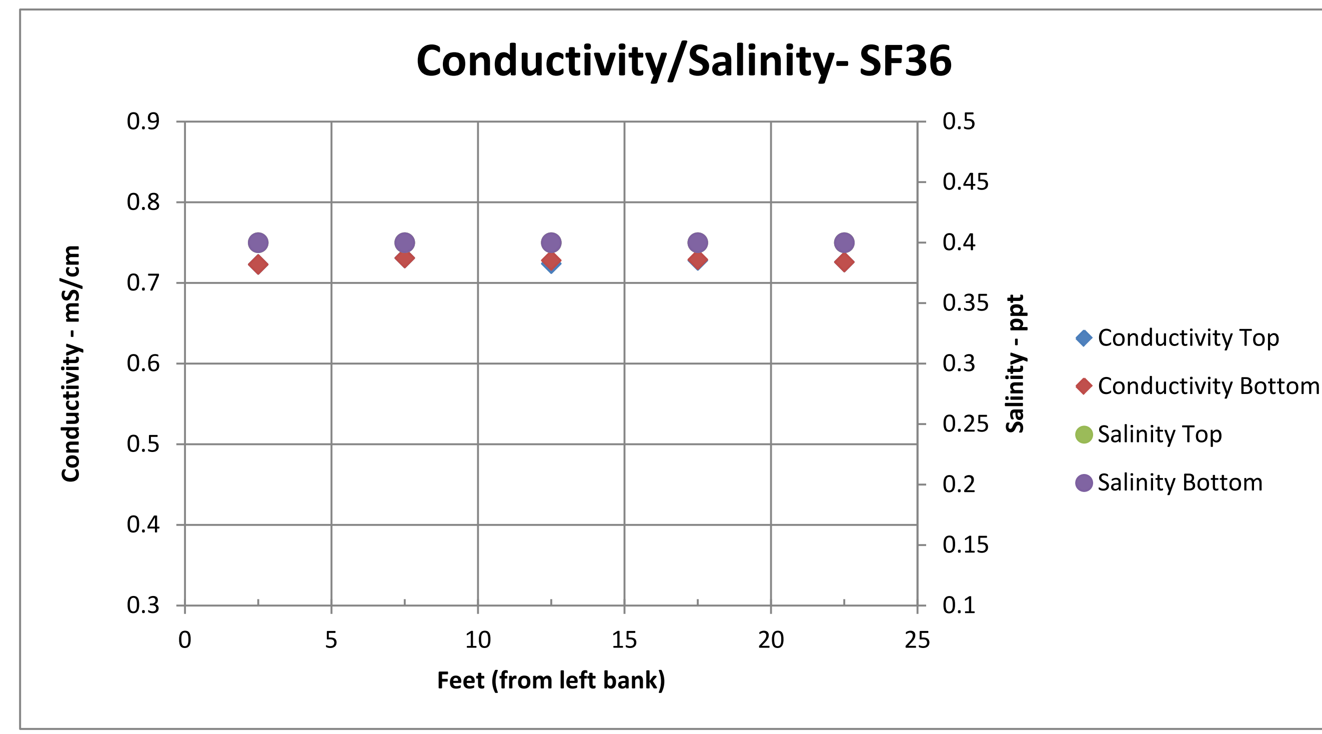

ORP- SF34
mV
150
130
110
90
70
50
30
10
-10
-30
-50
0
5
10
15
20
Feet (from left bank)
ORP Top
ORP Bottom

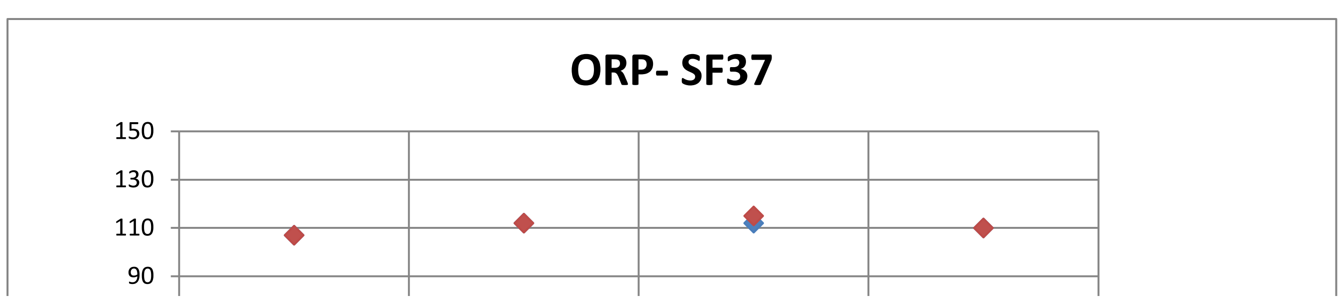

Conductivity/Salinity- SF34
Conductivity - mS/cm
0.9
0.8
0.7
0.6
0.5
0.4
0.3
Salinity - ppt
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0
5
10
15
20
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

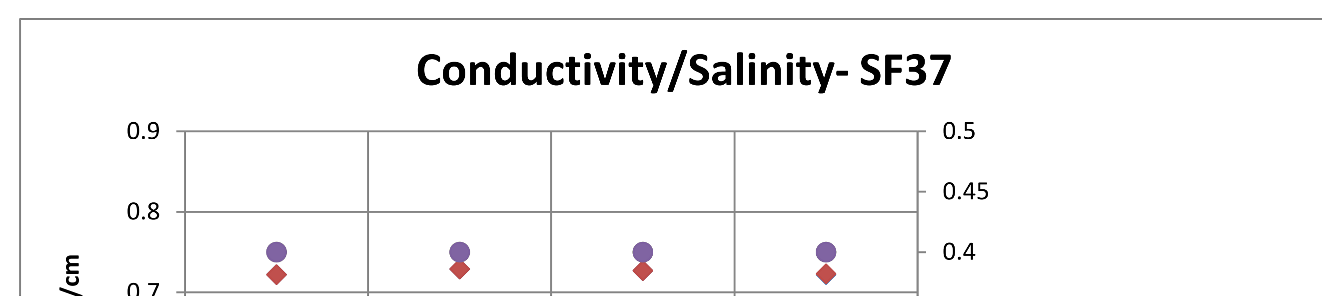

ORP- SF35
mV
Feet (from left bank)
ORP Top
ORP Bottom

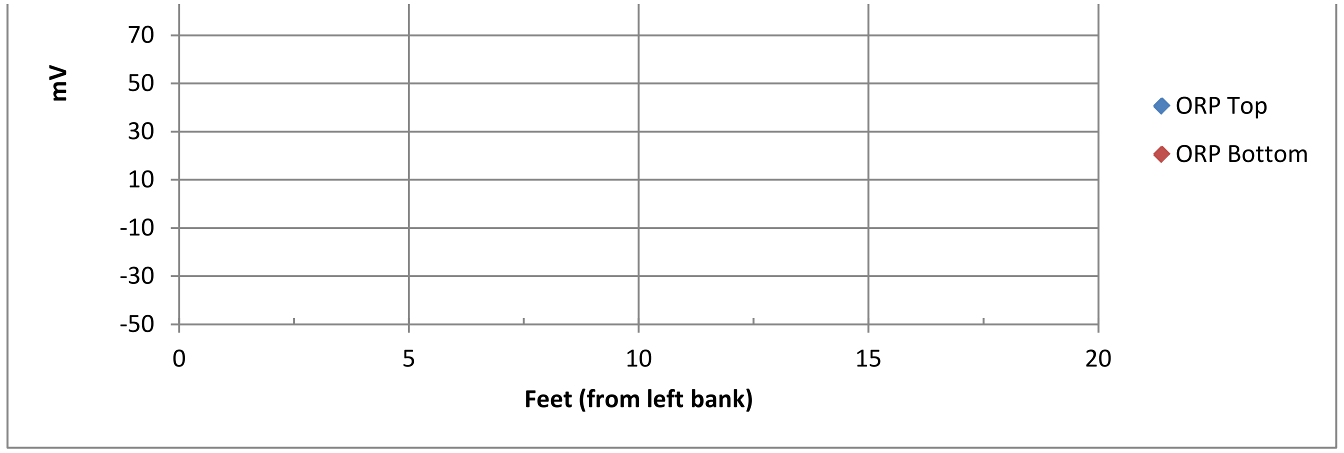

Conductivity/Salinity- SF35
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom


ORP- SF36
mV
Feet (from left bank)
ORP Top
ORP Bottom

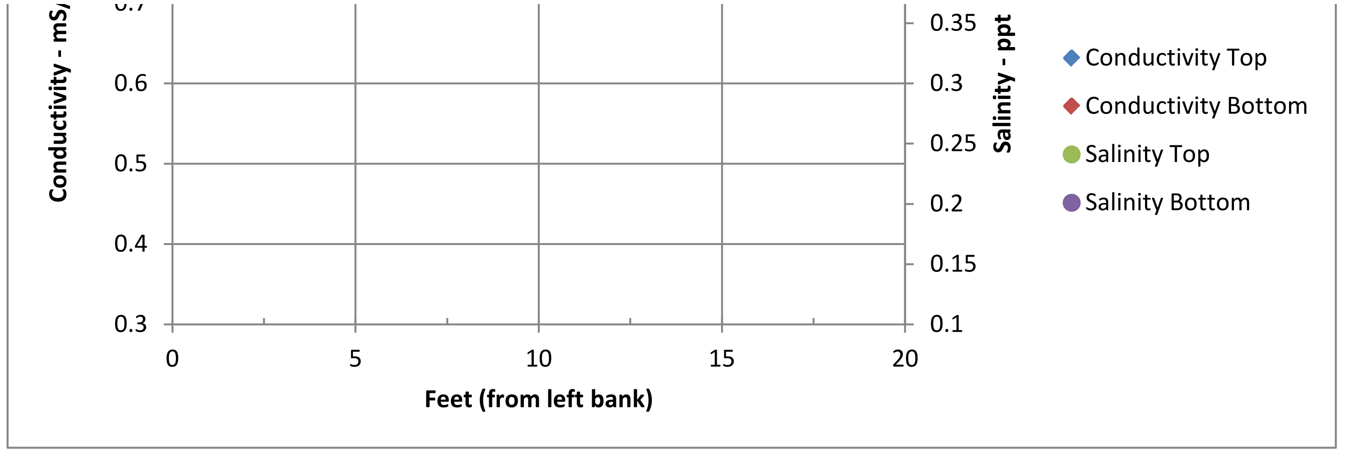

Conductivity/Salinity- SF36
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom


ORP- SF37

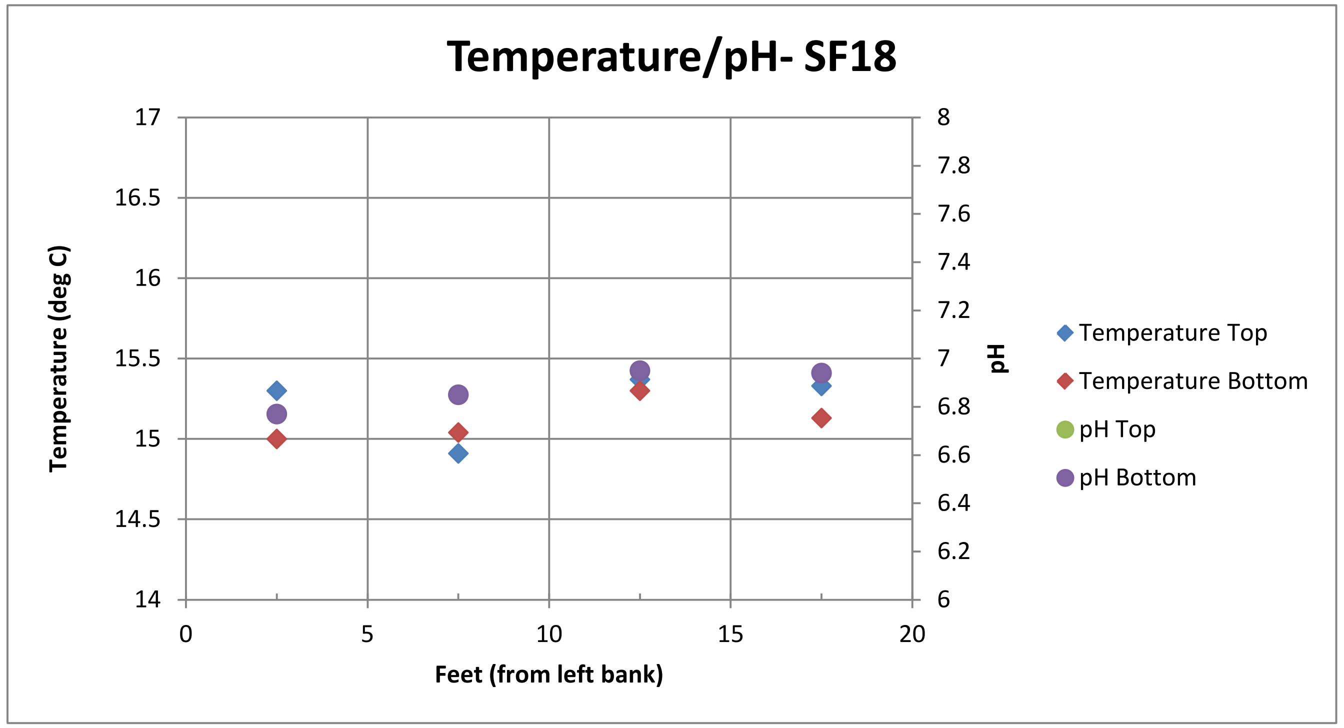

Conductivity/Salinity- SF37

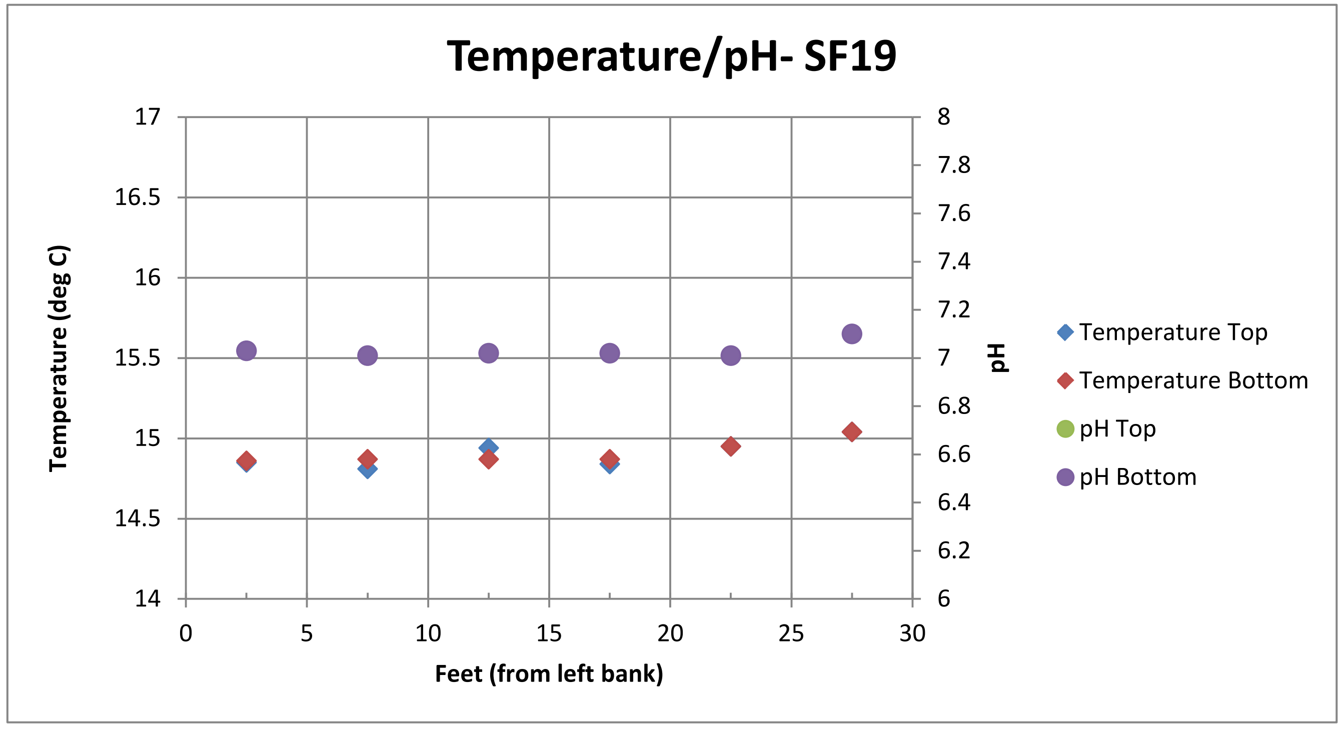


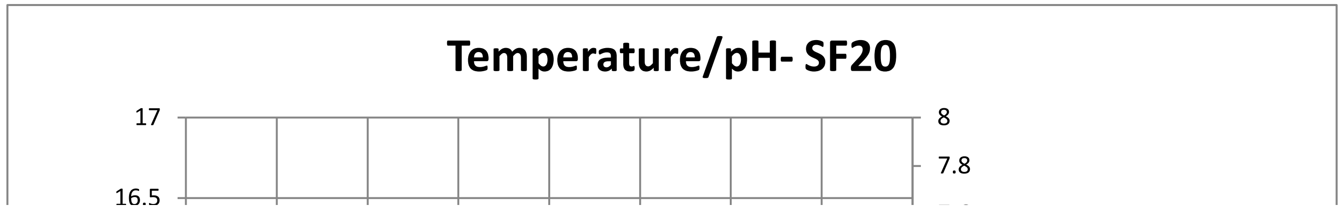
mV
70
50
30
10
-10
-30
-50
0
5
10
15
20
Feet (from left bank)
ORP Top
ORP Bottom

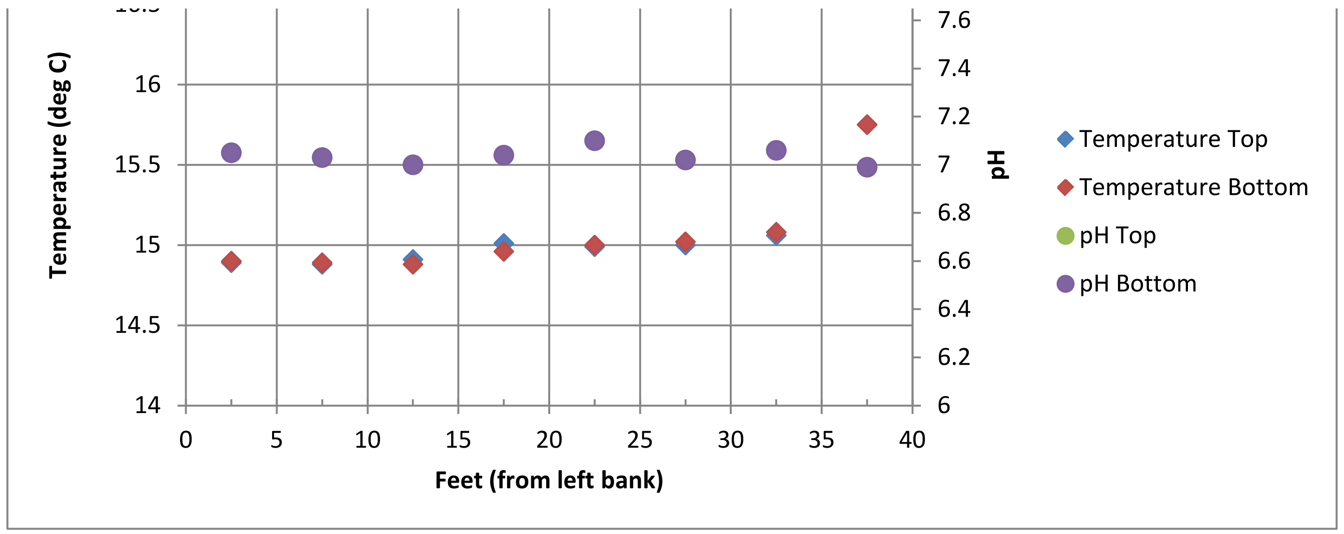


Conductivity - mS
0.6
0.5
0.4
0.3
0.35
0.3
0.25
0.2
0.15
0.1
Salinity - ppt
0
5
10
15
20
Feet (from left bank)
Conductivity Top
Conductivity Bottom
Salinity Top
Salinity Bottom

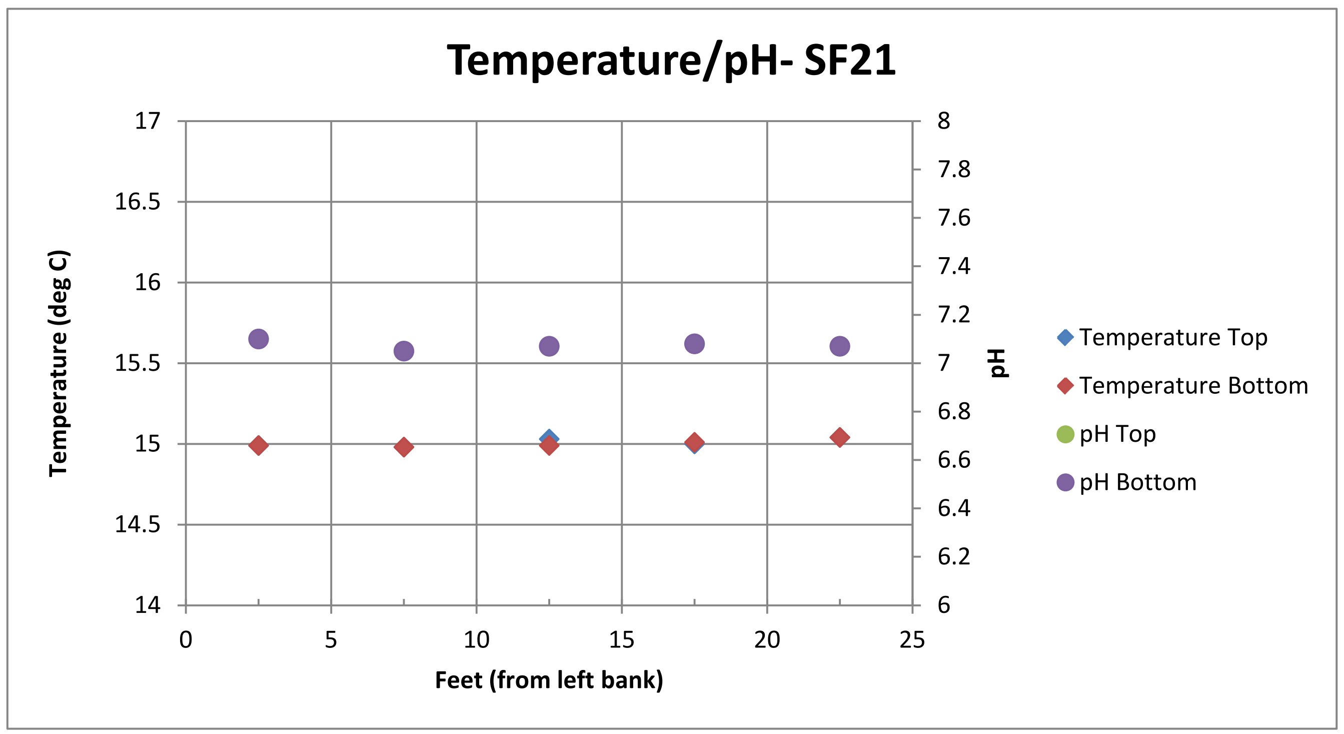

Temperature/pH- SF18
Temperature (deg C)
pH
Feet (from left bank)
17
16.5
16
15.5
15
14.5
14
8
7.8
7.6
7.4
7.2
7
6.8
6.6
6.4
6.2
6
0
5
10
15
20
Temperature Top
Temperature Bottom
pH Top
pH Bottom


Temperature/pH- SF19
Temperature (deg C)
pH
Feet (from left bank)
17
16.5
16
15.5
15
14.5
14
8
7.8
7.6
7.4
7.2
7
6.8
6.6
6.4
6.2
6
0
5
10
15
20
25
30
Temperature Top
Temperature Bottom
pH Top
pH Bottom

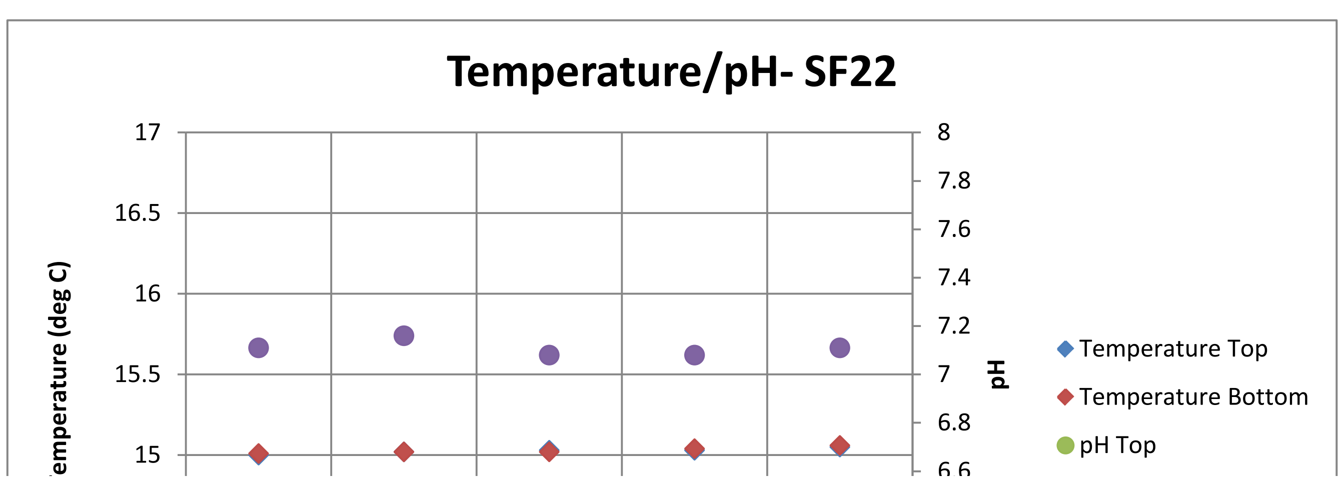

Temperature/pH- SF20
17
16.5
8
7.8



Temperature (deg C)
pH
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom

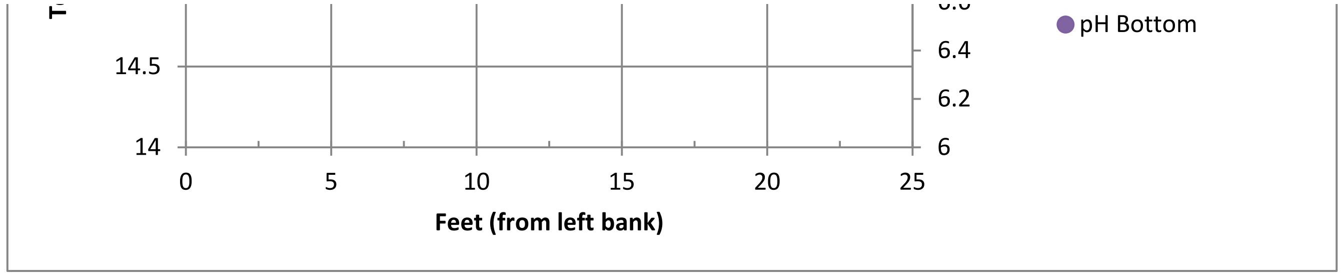


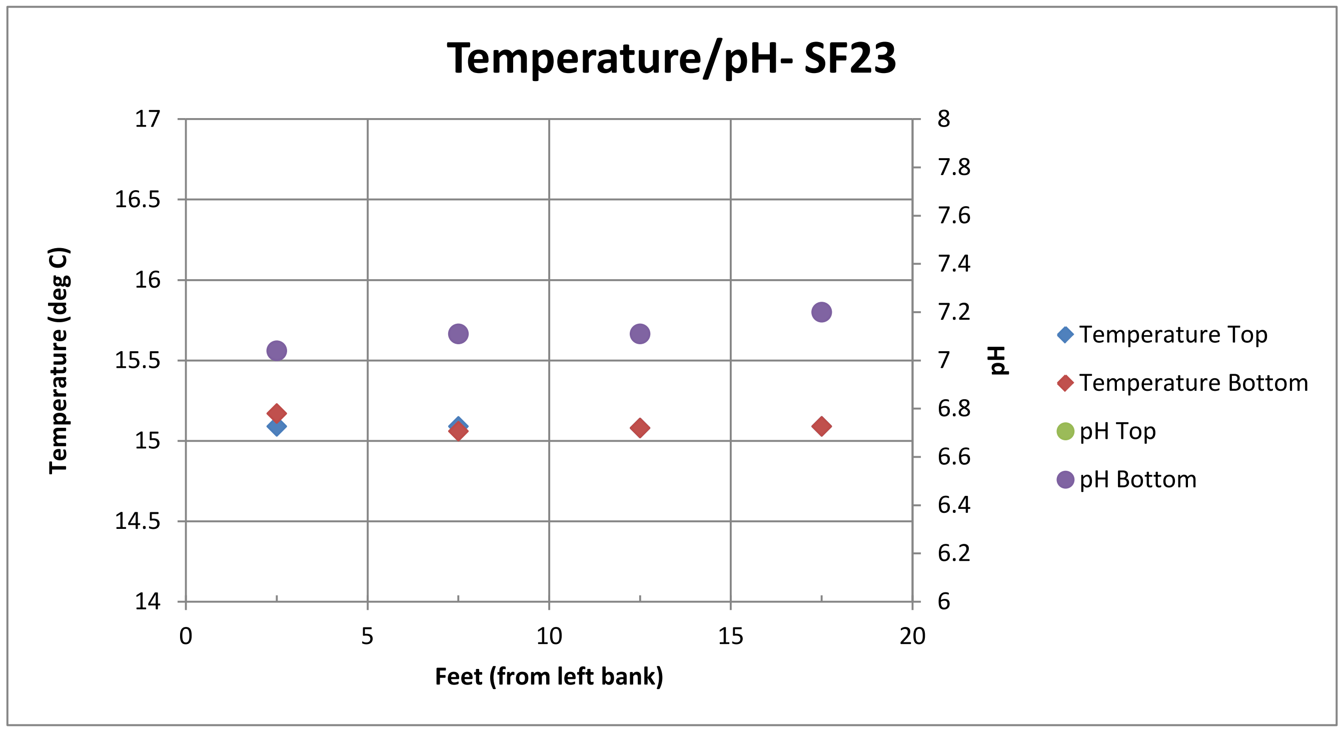
Temperature/pH- SF21
Temperature (deg C)
pH
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom

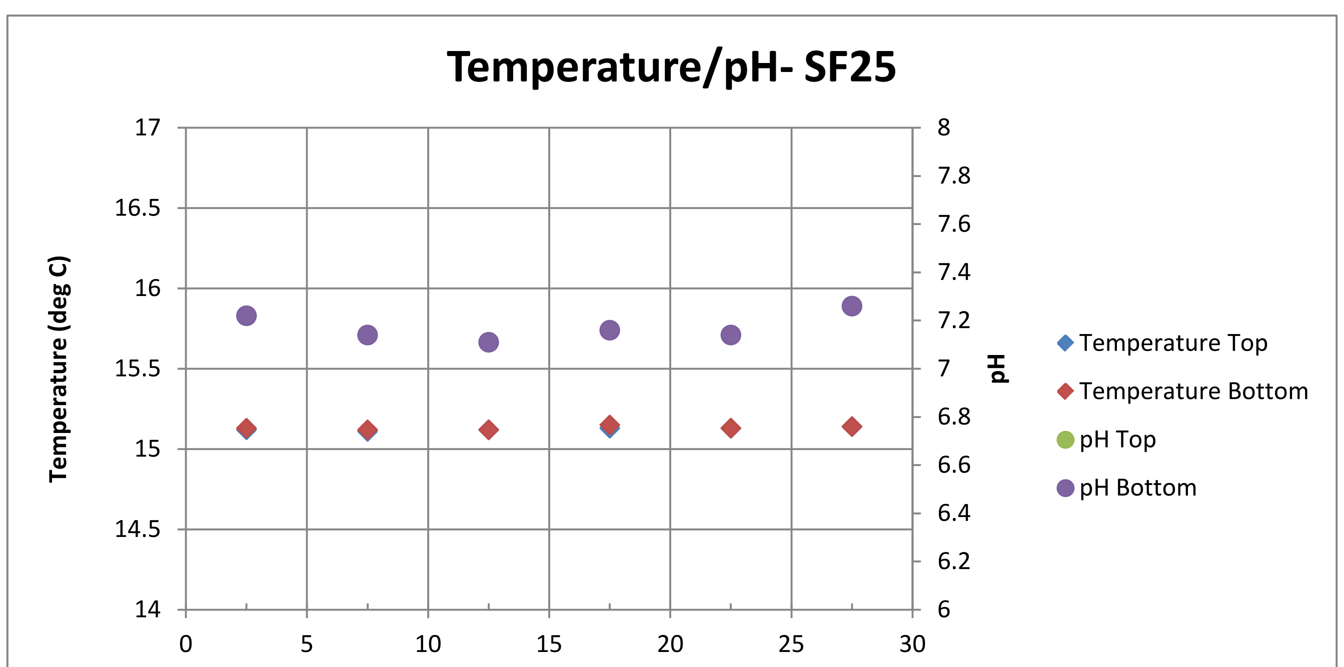


Temperature/pH- SF22
emperature (deg C)
pH
Temperature Top
Temperature Bottom
pH Top

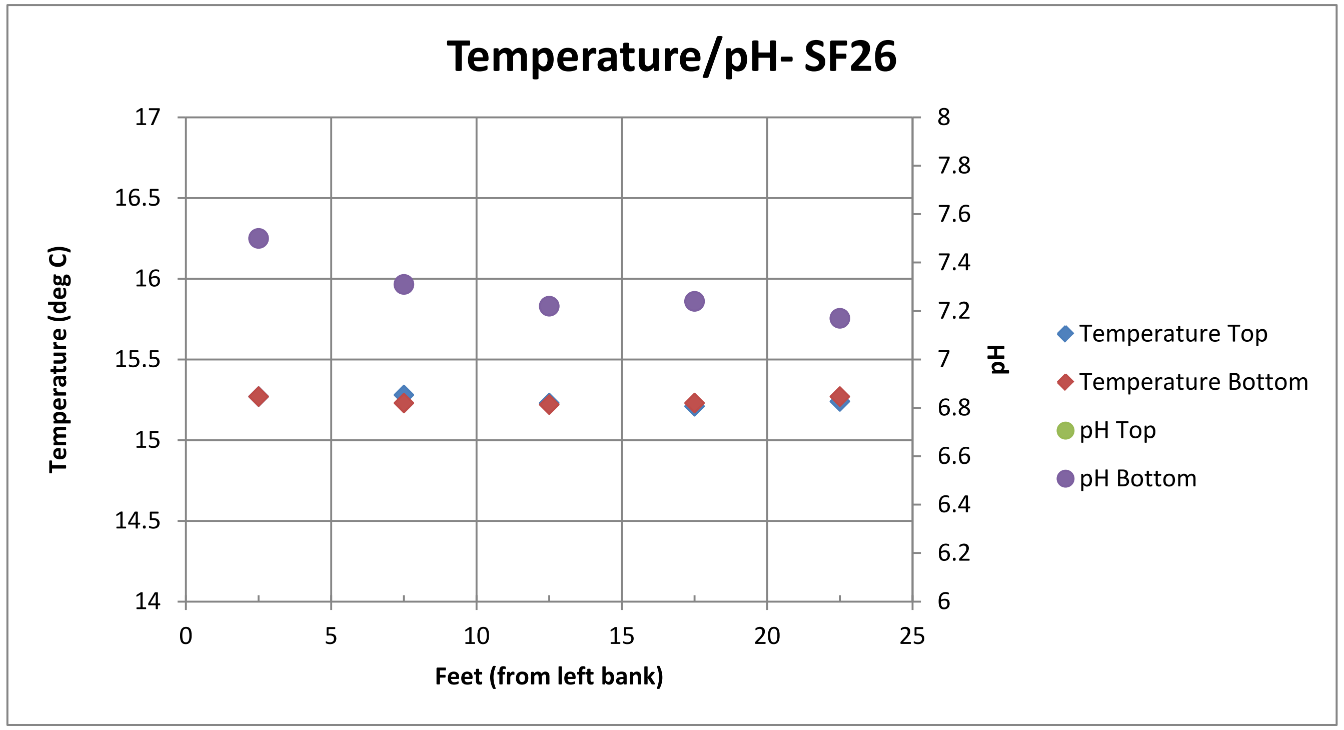
Top

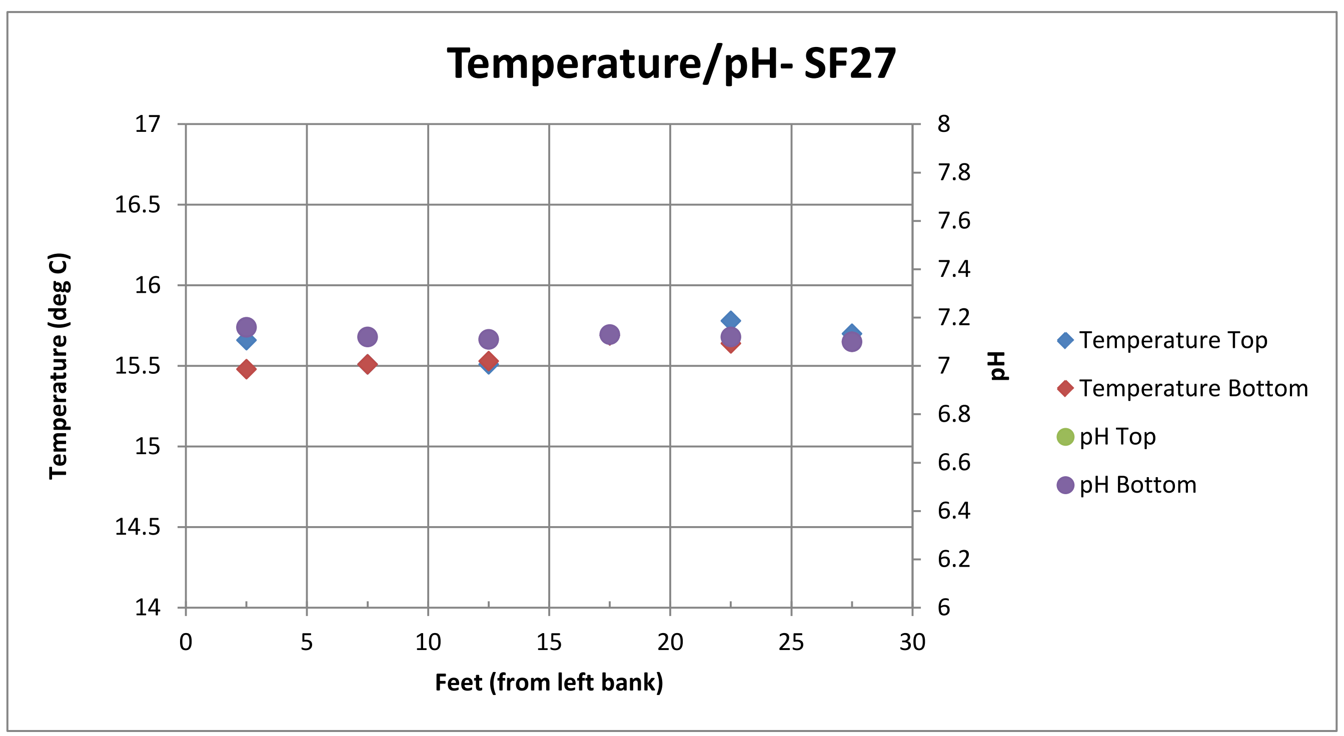

14.5
14
0
5
10
15
20
25
6.4
6.2
6
Feet (from left bank)
pH Bottom

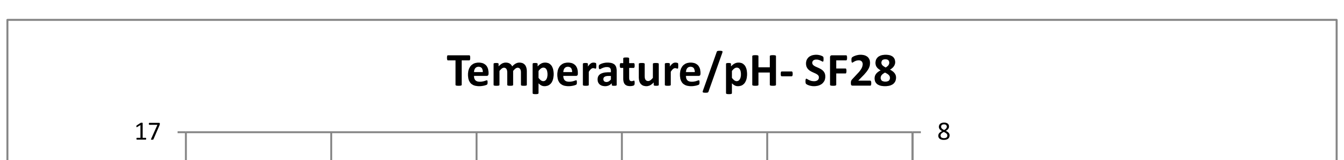

Temperature/pH- SF23
Temperature (deg C)
17
16.5
16
15.5
15
14.5
14
0
5
10
15
20
Feet (from left bank)
8
7.8
7.6
7.4
7.2
7
6.8
6.6
6.4
6.2
6
pH
Temperature Top
Temperature Bottom
pH Top
pH Bottom

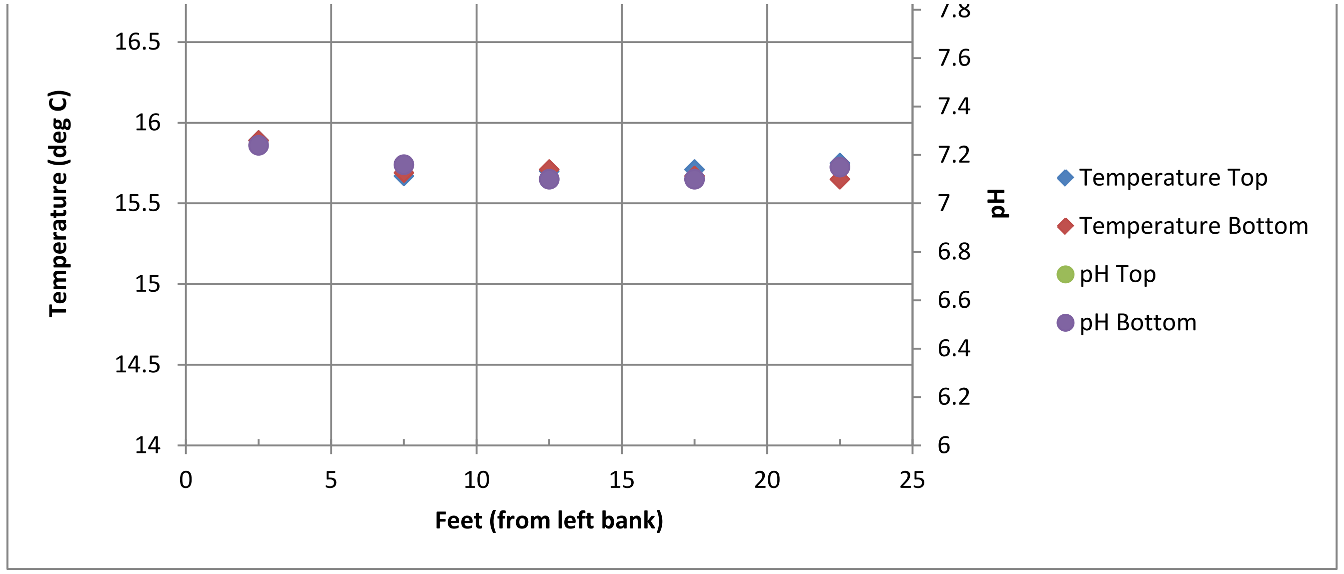

Temperature/pH- SF25
Temperature (deg C)
17
16.5
16
15.5
15
14.5
14
0
5
10
15
20
25
30
8
7.8
7.6
7.4
7.2
7
6.8
6.6
6.4
6.2
6
pH
Temperature Top
Temperature Bottom
pH Top
pH Bottom


Feet (from left bank)

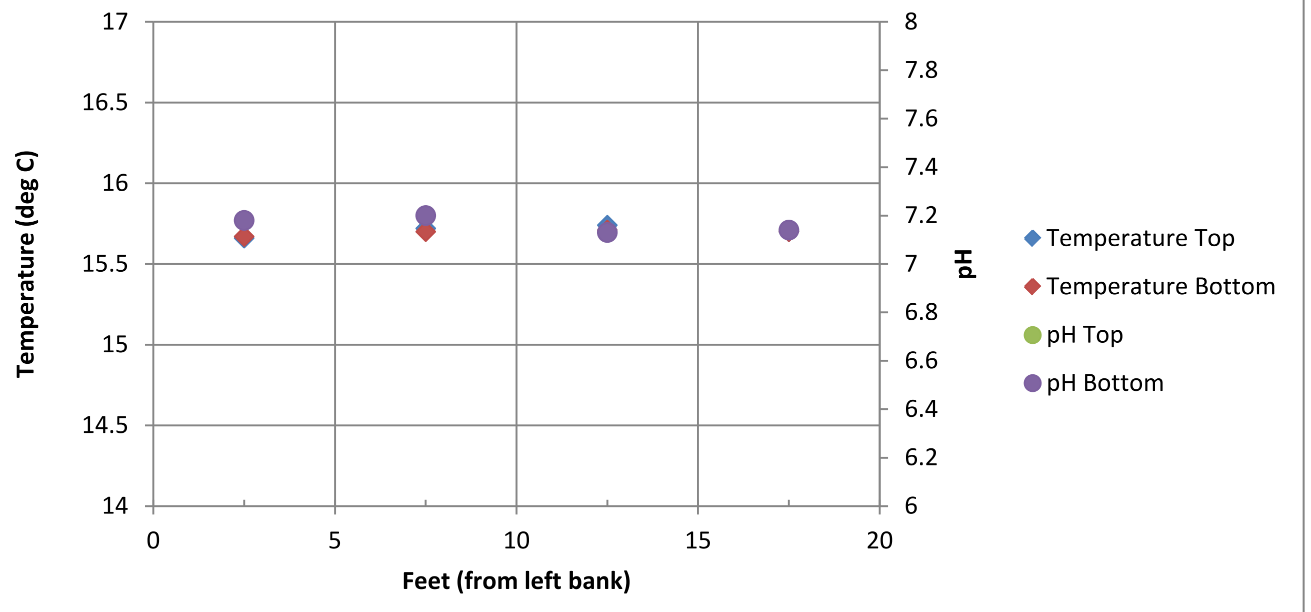

Temperature/pH- SF26
17
16.5
16
15.5
15
14.5
14
Temperature (deg C)
8
7.8
7.6
7.4
7.2
7
6.8
6.6
6.4
6.2
6
pH
0
5
10
15
20
25
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom


Temperature/pH- SF27
17
16.5
16
15.5
15
14.5
14
Temperature (deg C)
8
7.8
7.6
7.4
7.2
7
6.8
6.6
6.4
6.2
6
pH
0
5
10
15
20
25
30
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom

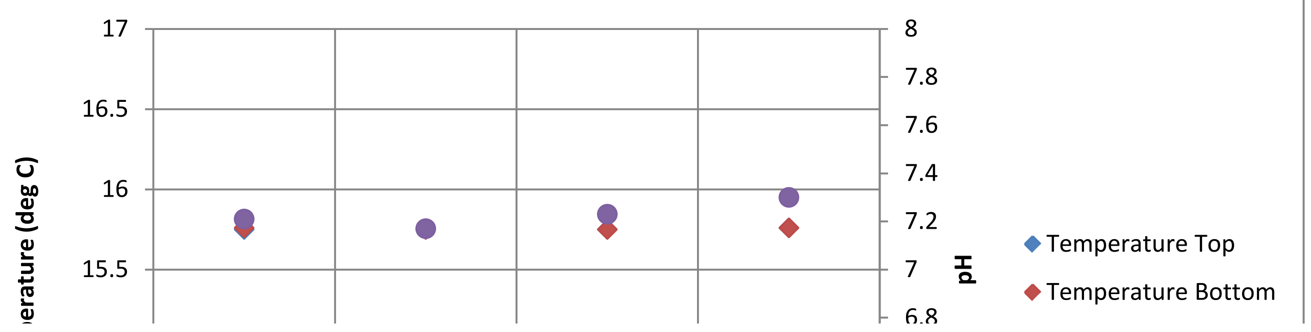

Temperature/pH- SF28
17
8

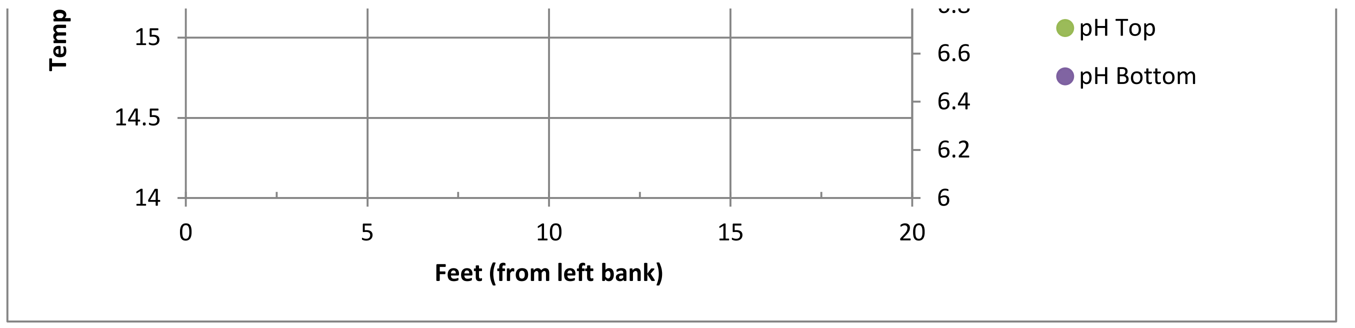


Temperature/pH- SF29

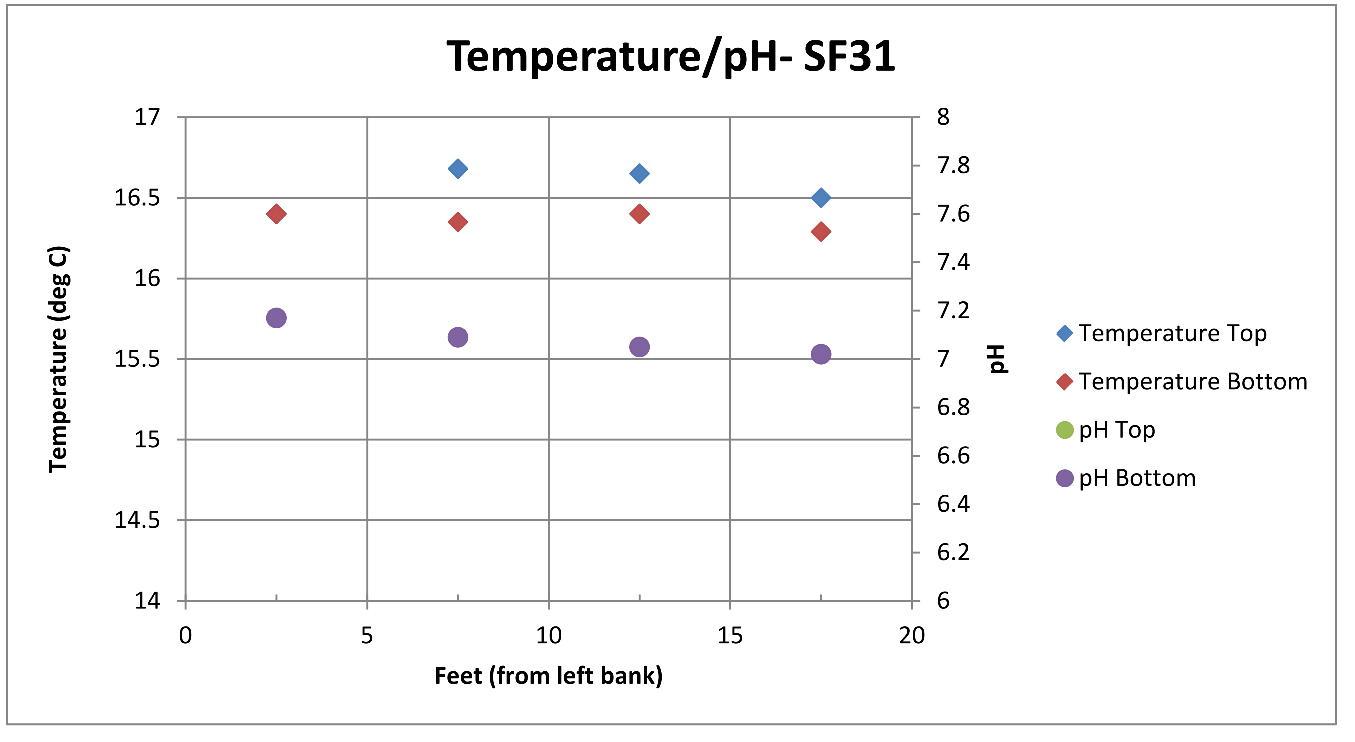


Temperature/pH- SF30

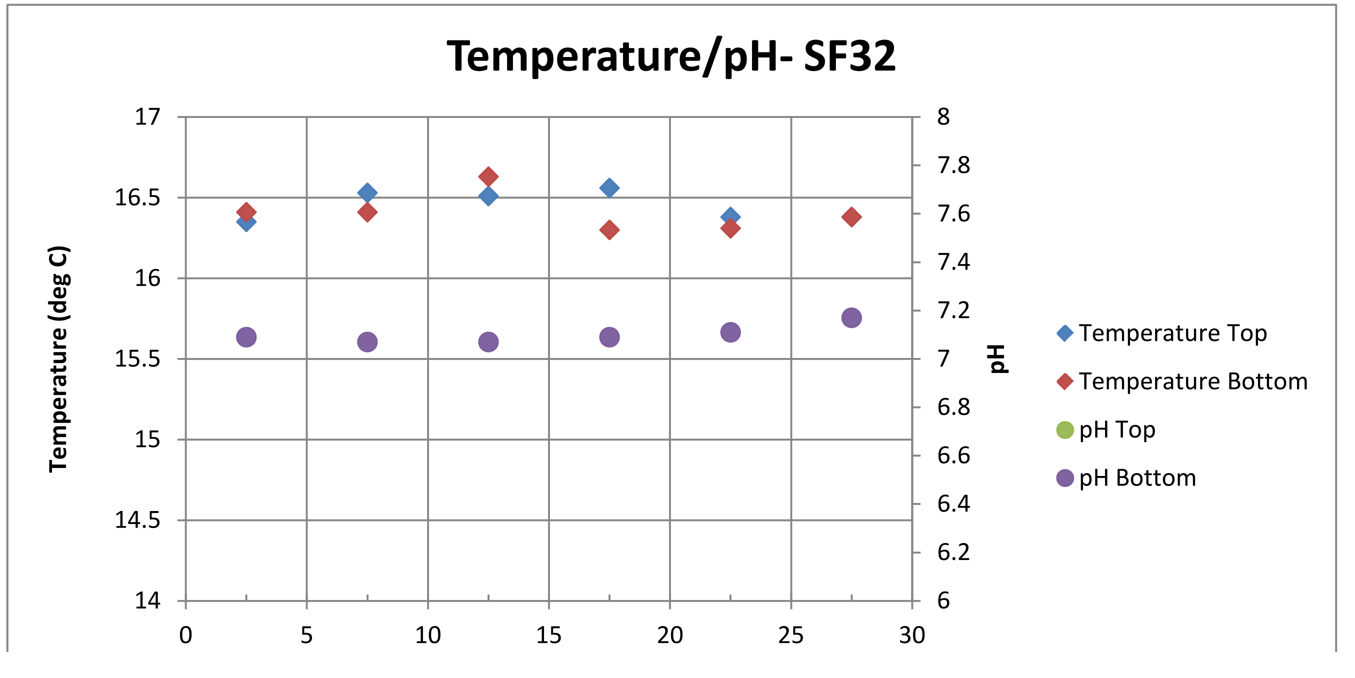




Temp
pH Top
pH Bottom
Feet (from left bank)



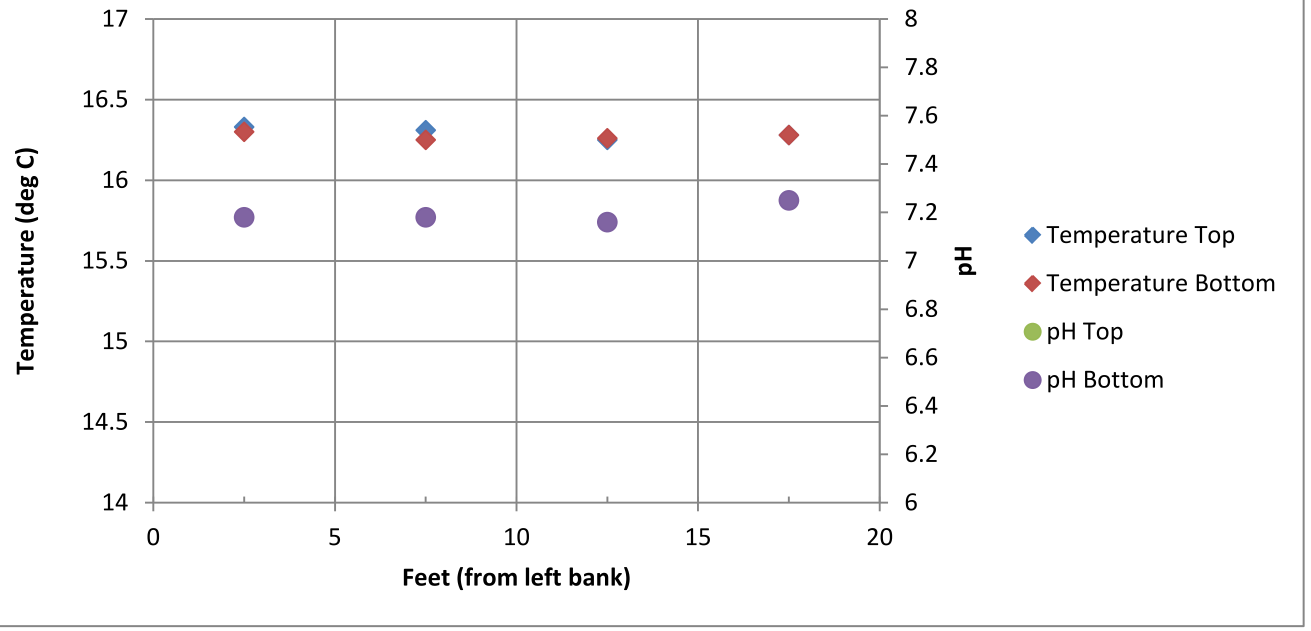
Temperature/pH- SF31
Temperature (deg C)
pH
Temperature Top
Temperature Bottom
pH Top
pH Bottom
Feet (from left bank)



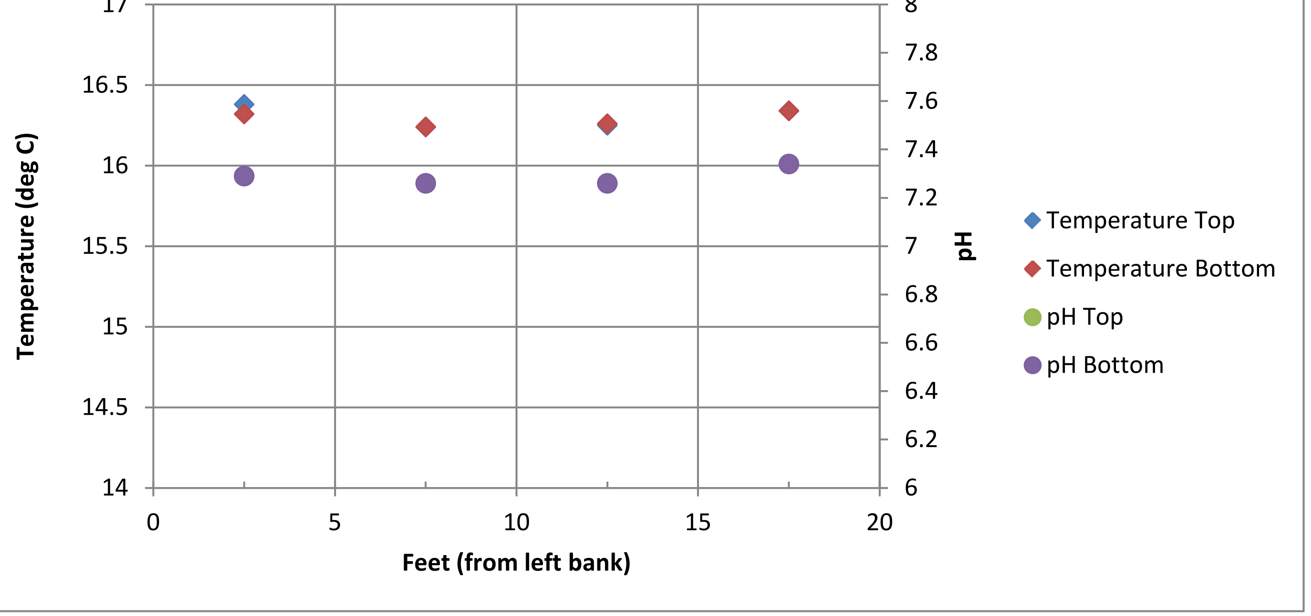
Temperature/pH- SF32
Temperature (deg C)
pH
Temperature Top
Temperature Bottom
pH Top
pH Bottom

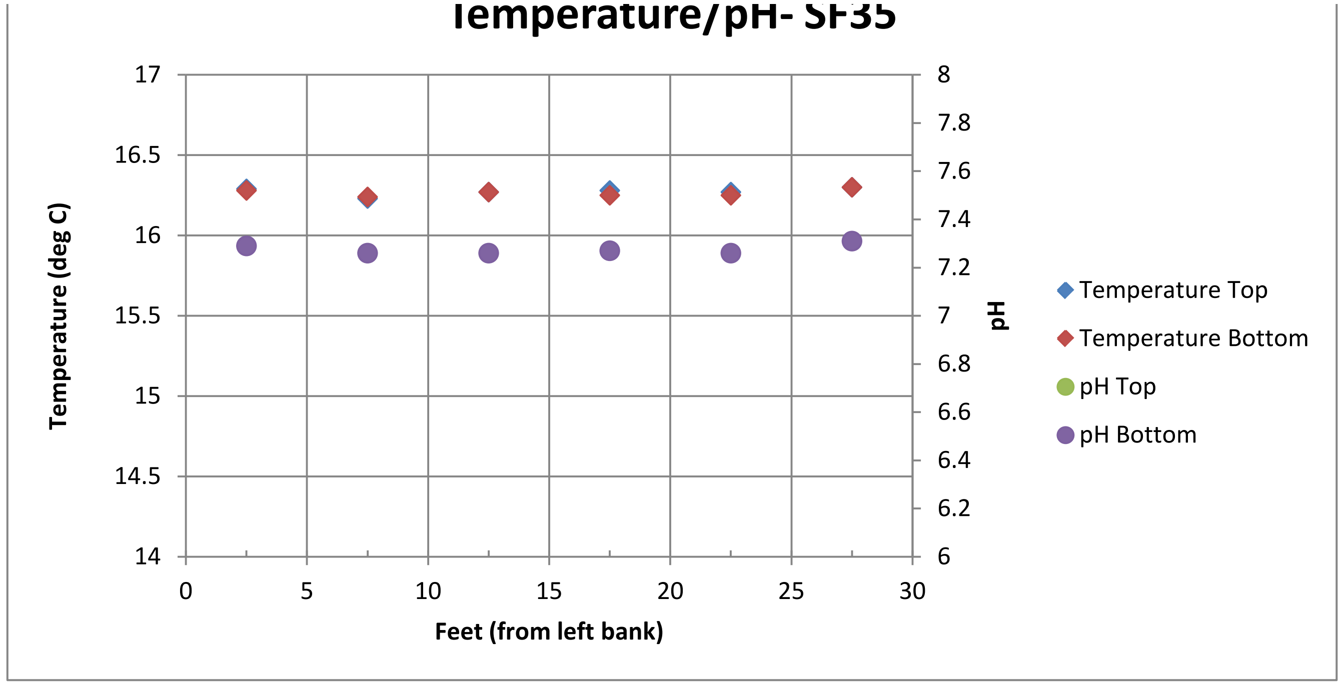
Feet (from left bank)

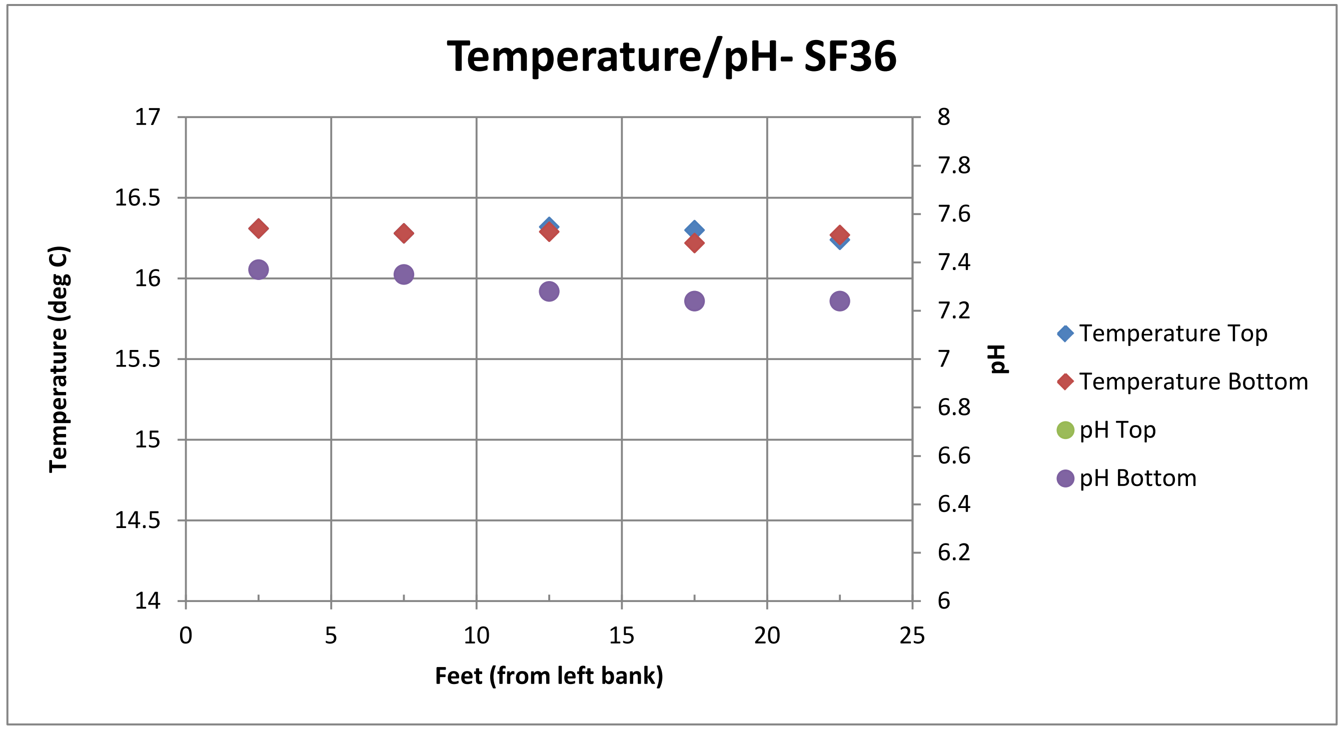
Temperature/pH- SF33

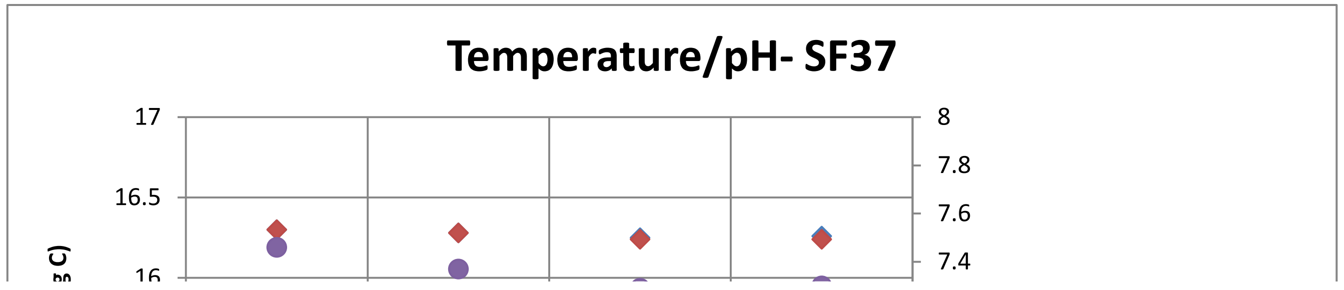


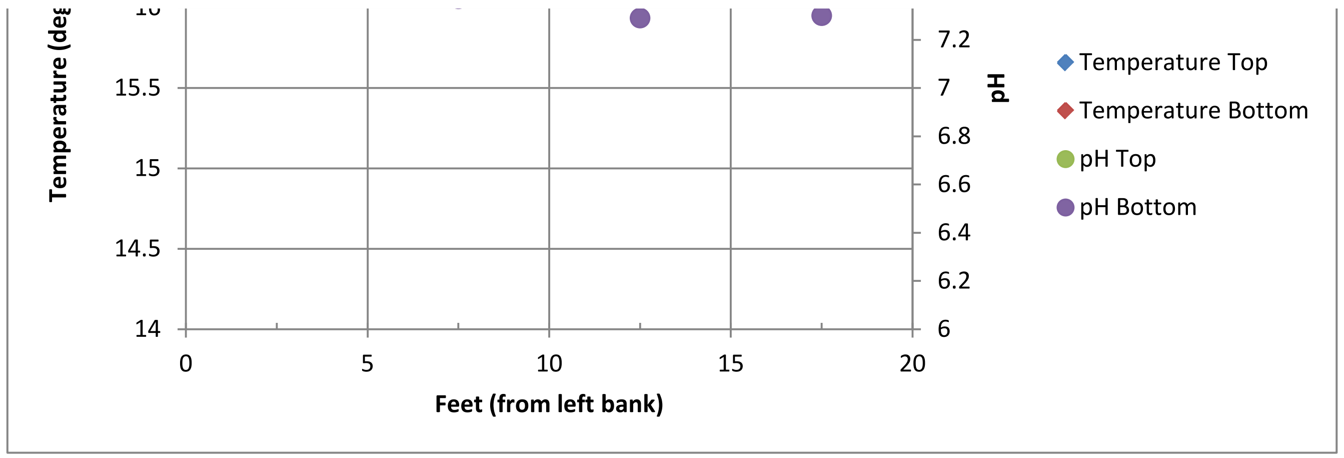
Temperature/pH- SF34



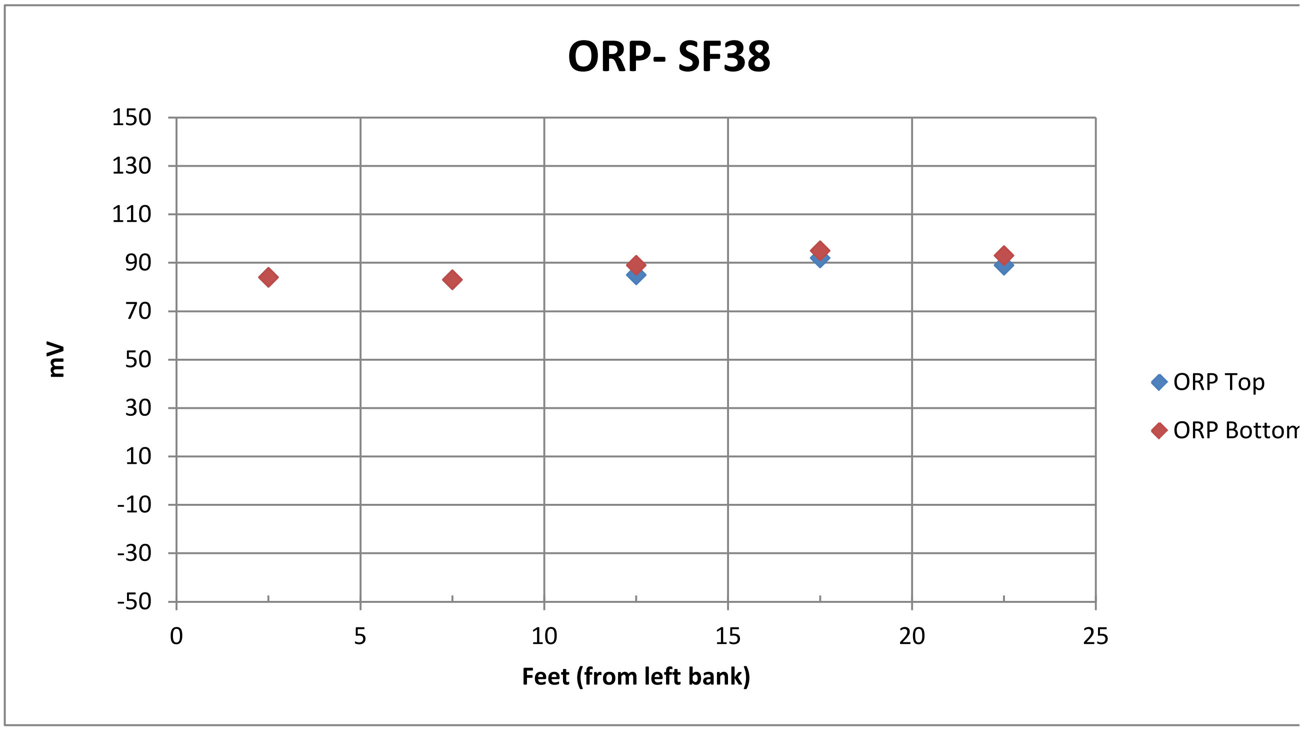

Temperature/pH- SF35
Temperature (deg C)
pH
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom

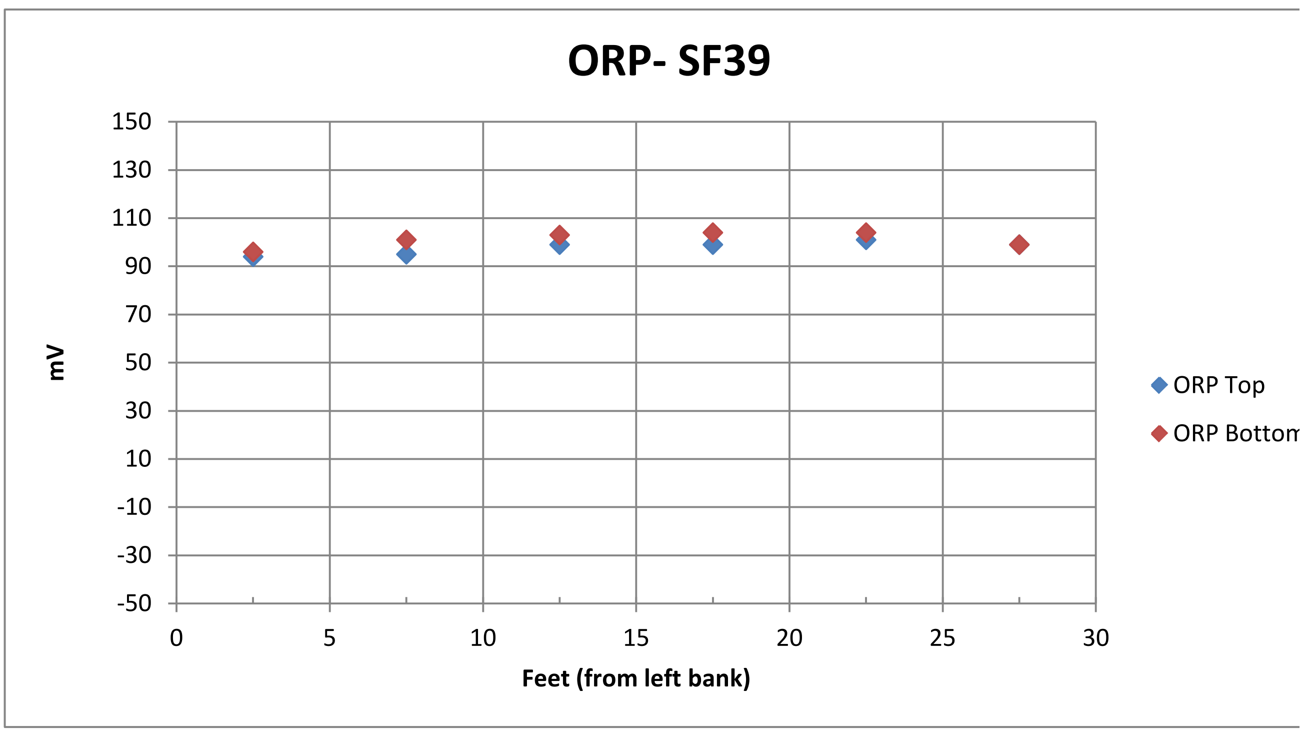

Temperature/pH- SF36
Temperature (deg C)
pH
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom

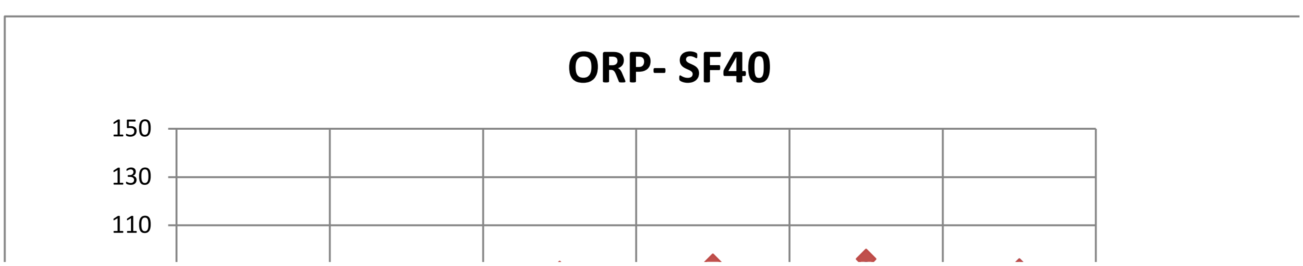

Temperature/pH- SF37

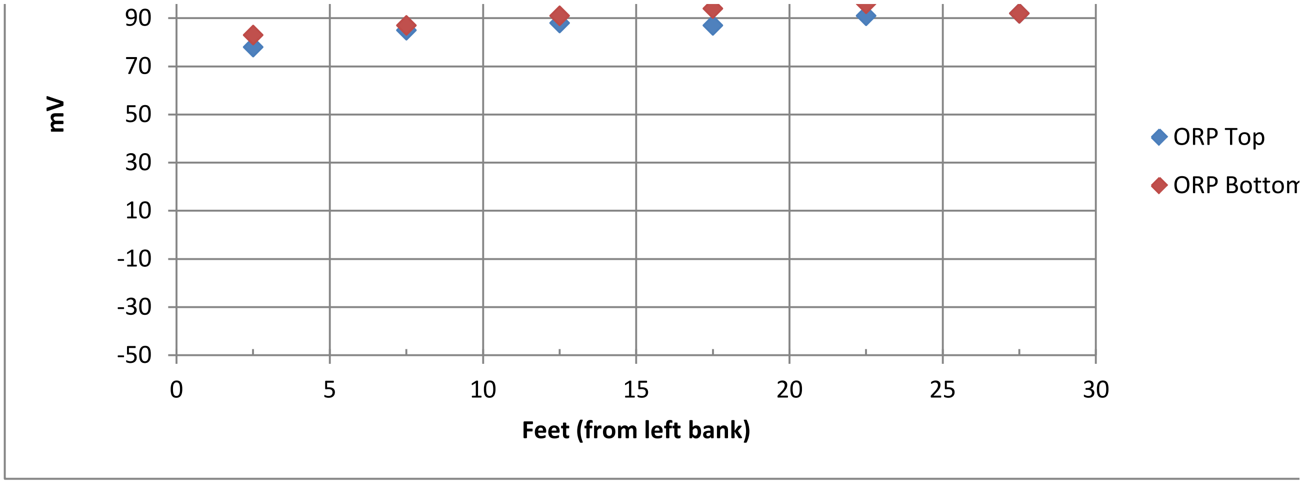


Temperature (deg
pH
Feet (from left bank)
Temperature Top
Temperature Bottom
pH Top
pH Bottom

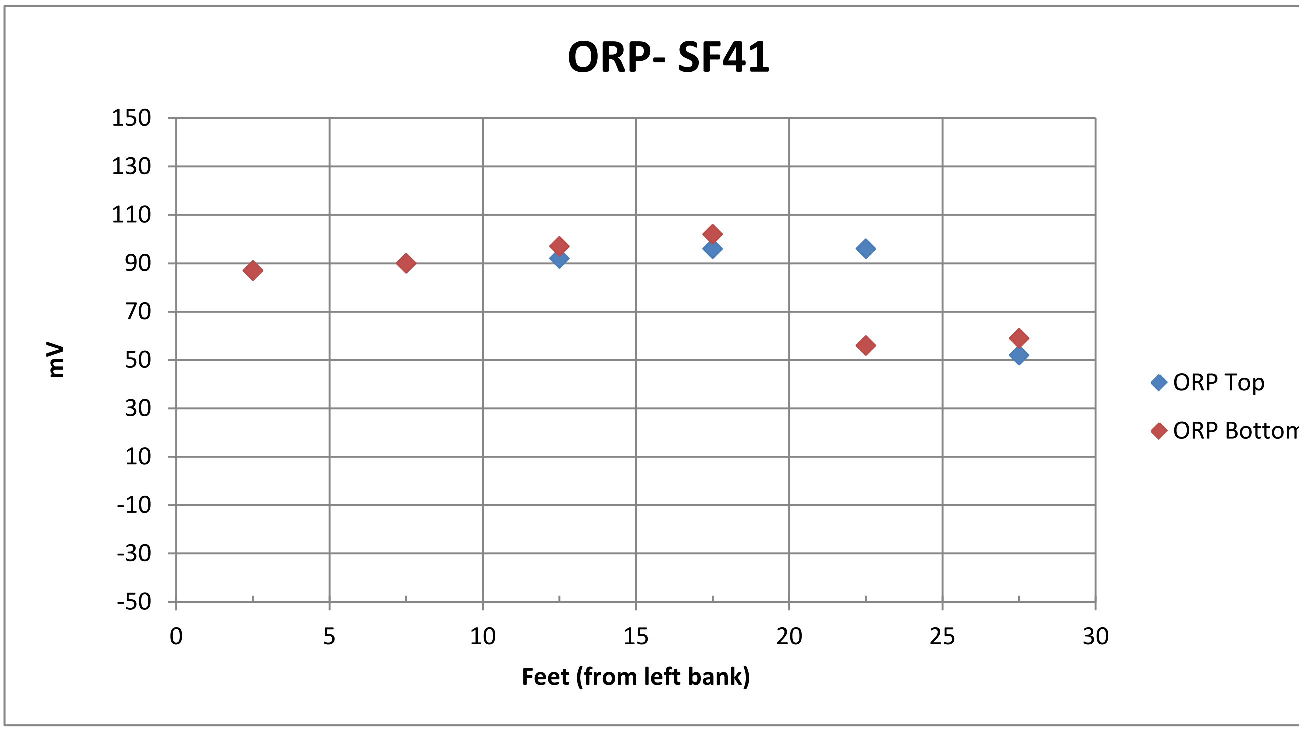

ORP- SF38
150
130
110
90
70
50
30
10
-10
-30
-50
mV
0
5
10
15
20
25
Feet (from left bank)
ORP Top
ORP Bottom


ORP- SF39
150
130
110
90
70
50
30
10
-10
-30
-50
mV
0
5
10
15
20
25
30
Feet (from left bank)
ORP Top
ORP Bottom

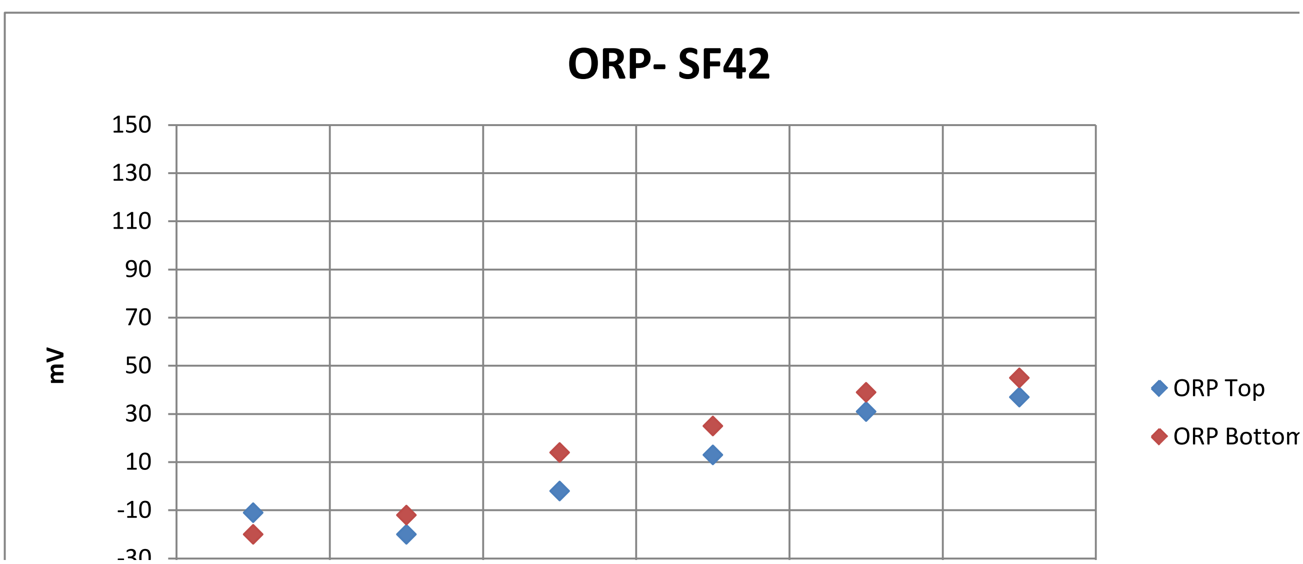

ORP- SF40
150
130
110



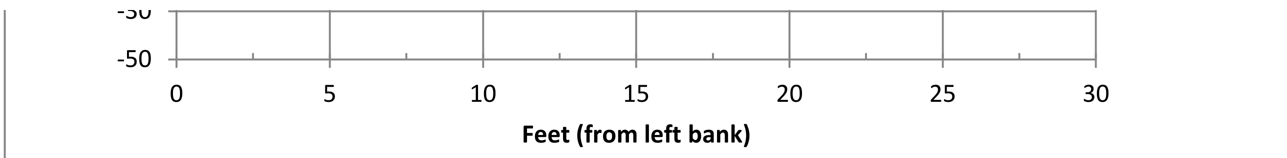
90
70
50
30
10
-10
-30
-50
mV
0
5
10
15
20
25
30
Feet (from left bank)
ORP Top
ORP Bottom



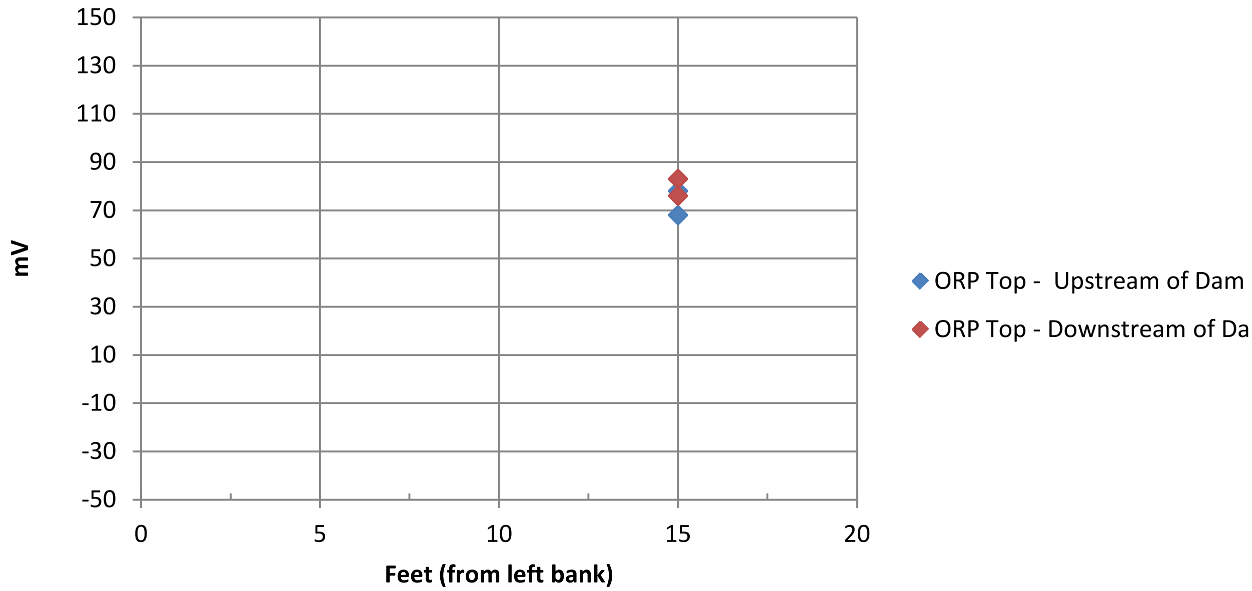
ORP- SF41
150
130
110
90
70
50
30
10
-10
-30
-50
mV
0
5
10
15
20
25
30
Feet (from left bank)
ORP Top
ORP Bottom



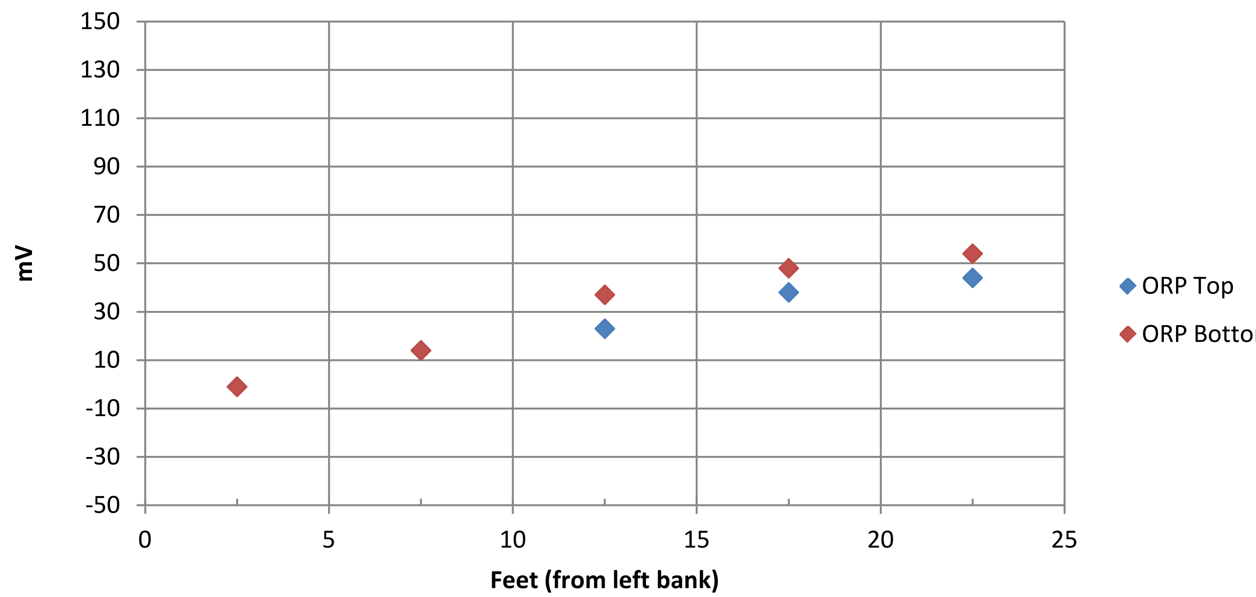
ORP- SF42
150
130
110
90
70
50
30
10
-10
-30
mV
ORP Top
ORP Bottom



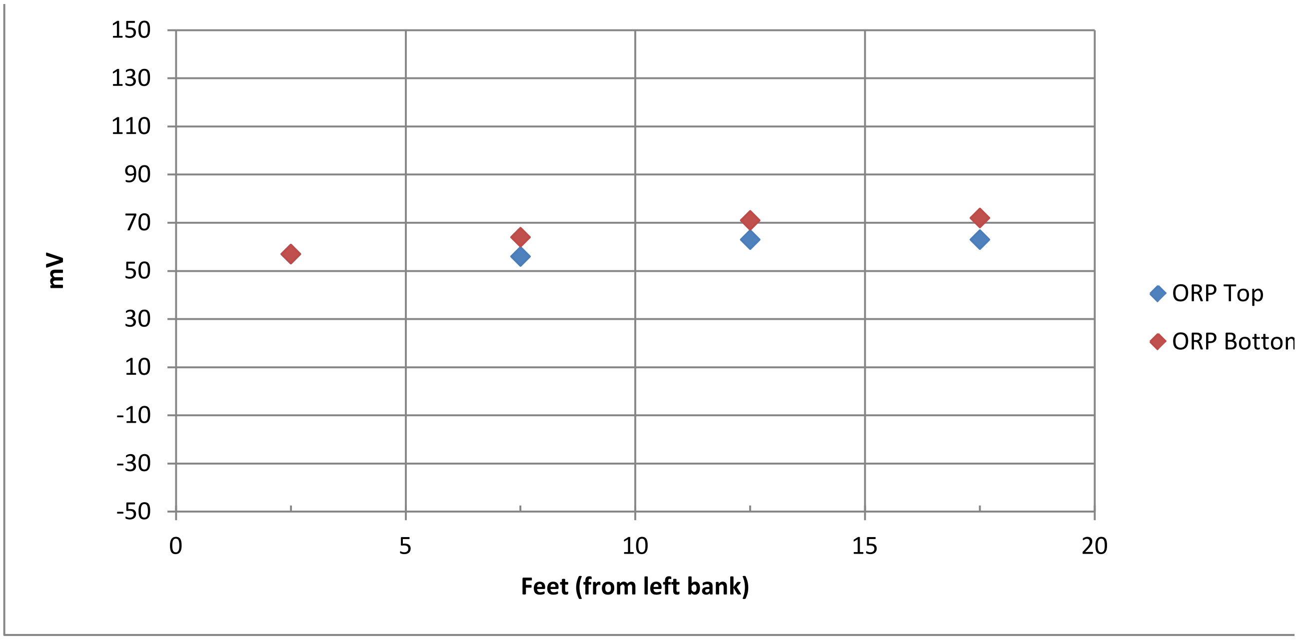
ORP- Manmade Dam

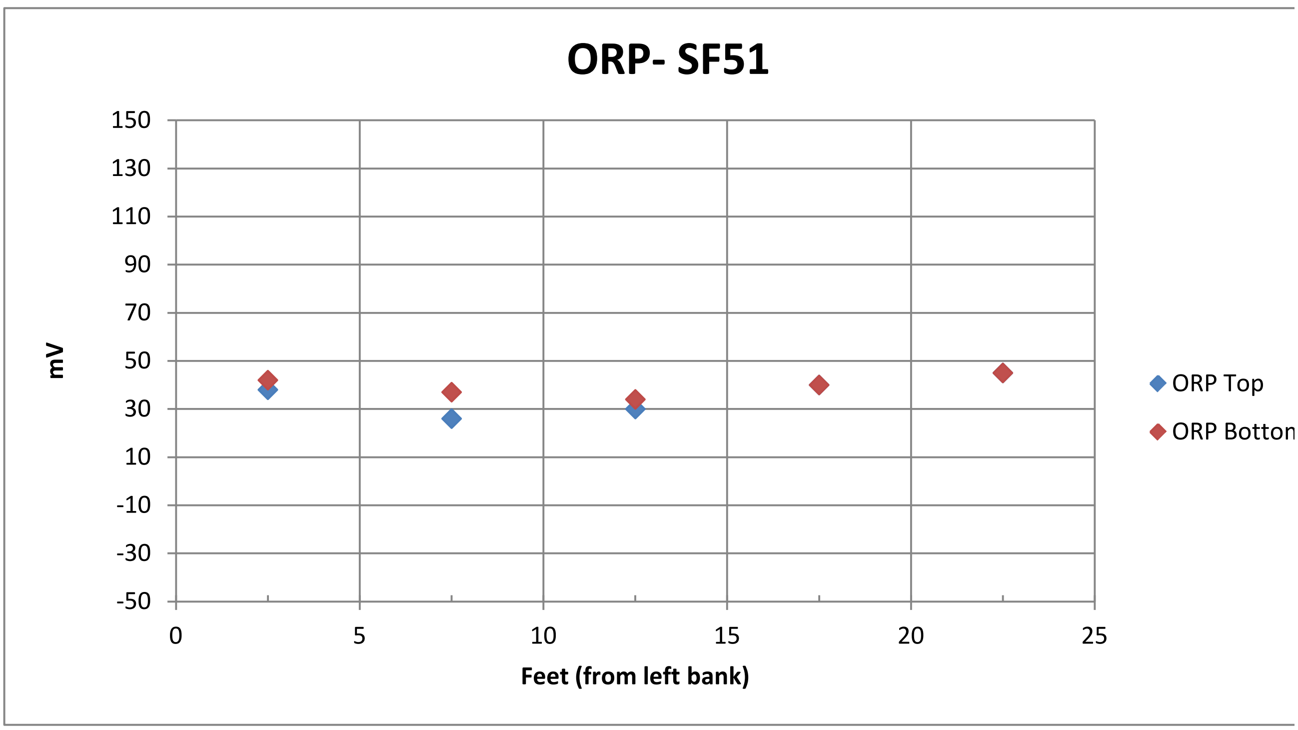


ORP- SF47

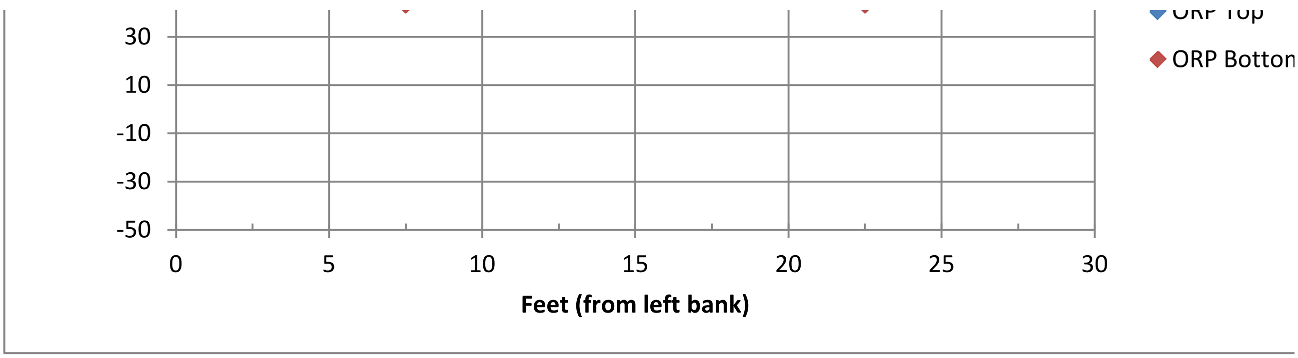


ORP- SF49

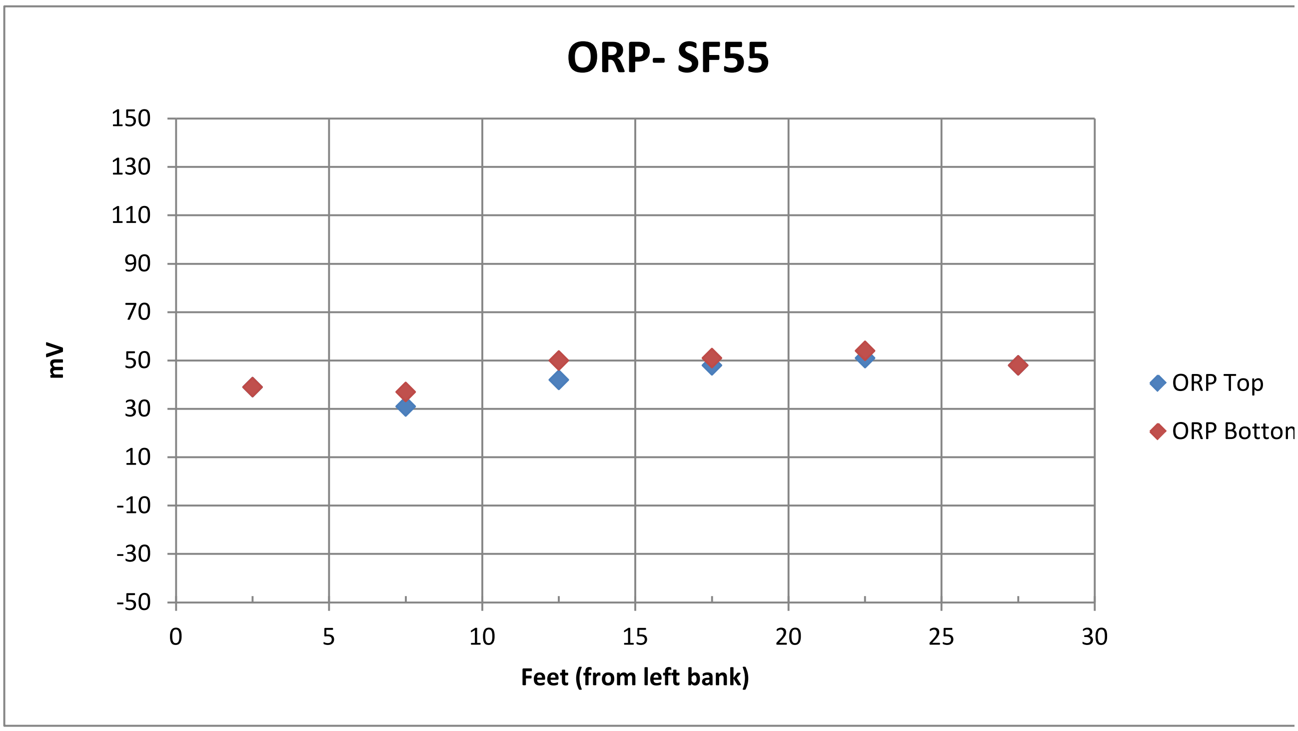

mV
150
130
110
90
70
50
30
10
-10
-30
-50
0
5
10
15
20
Feet (from left bank)
ORP Top
ORP Botton


ORP- SF51
mV
150
130
110
90
70
50
30
10
-10
-30
-50
0
5
10
15
20
25
Feet (from left bank)
ORP Top
ORP Botton

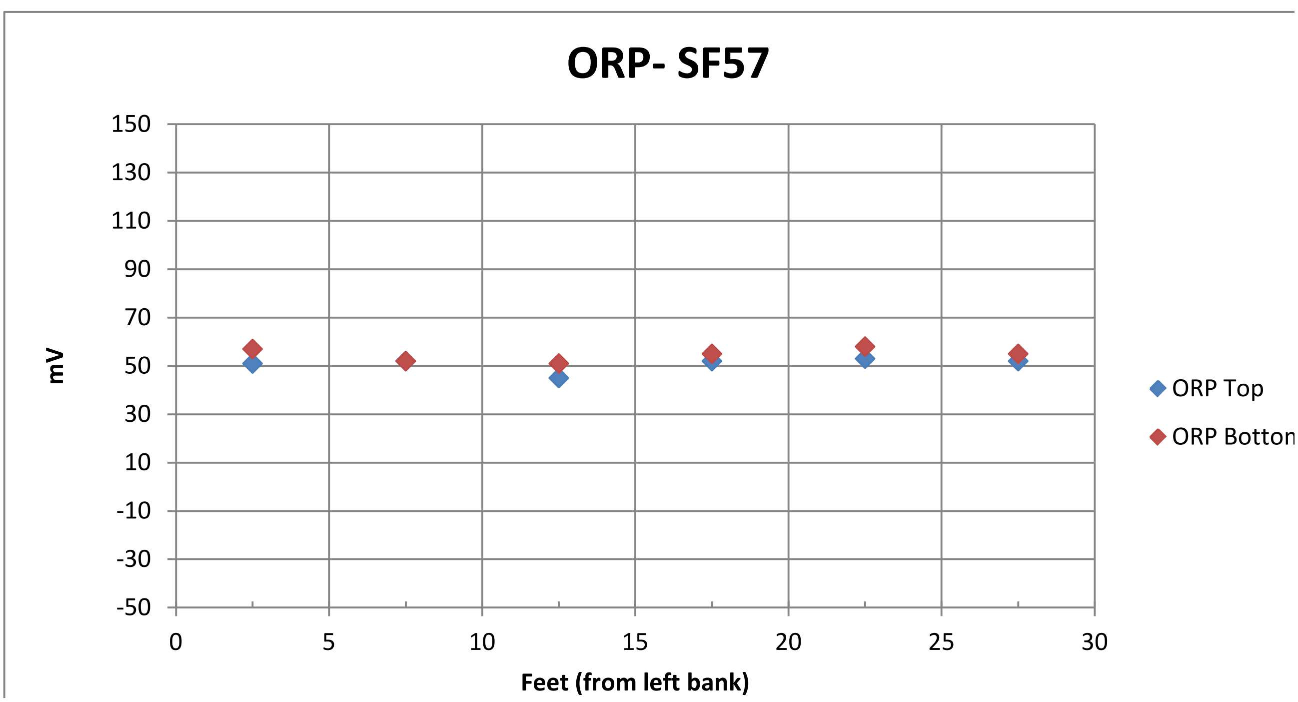

ORP- SF53
mV
150
130
110
90
70
50



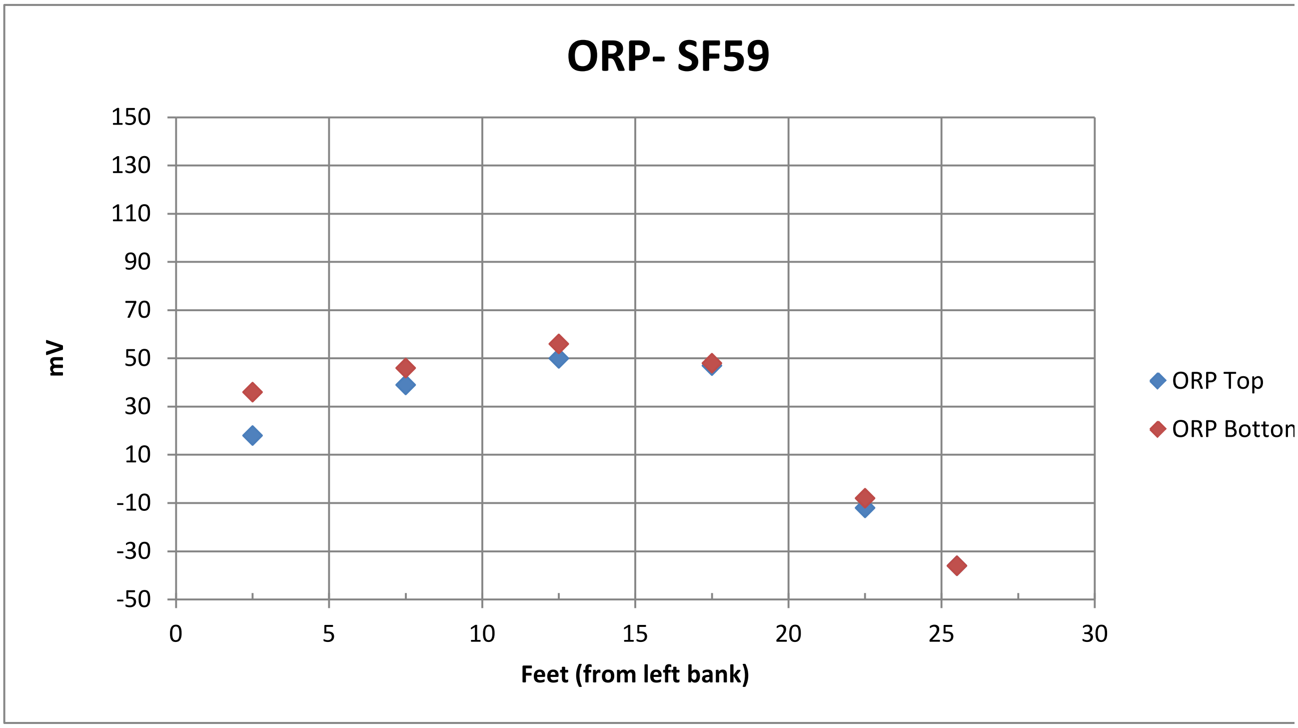
ORP Top
ORP Botton
30
10
-10
-30
-50
0
5
10
15
20
25
30
Feet (from left bank)



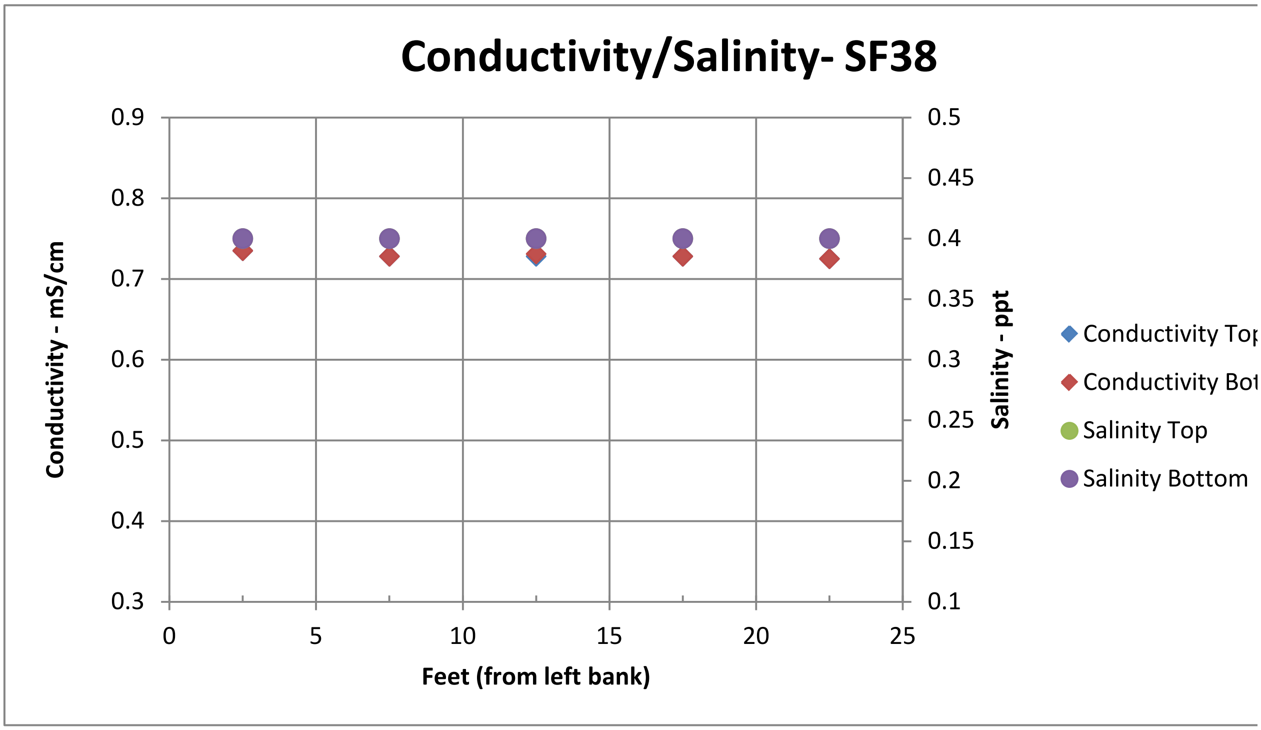
ORP- SF55
150
130
110
90
70
50
30
10
-10
-30
-50
mV
0
5
10
15
20
25
30
Feet (from left bank)
ORP Top
ORP Botton

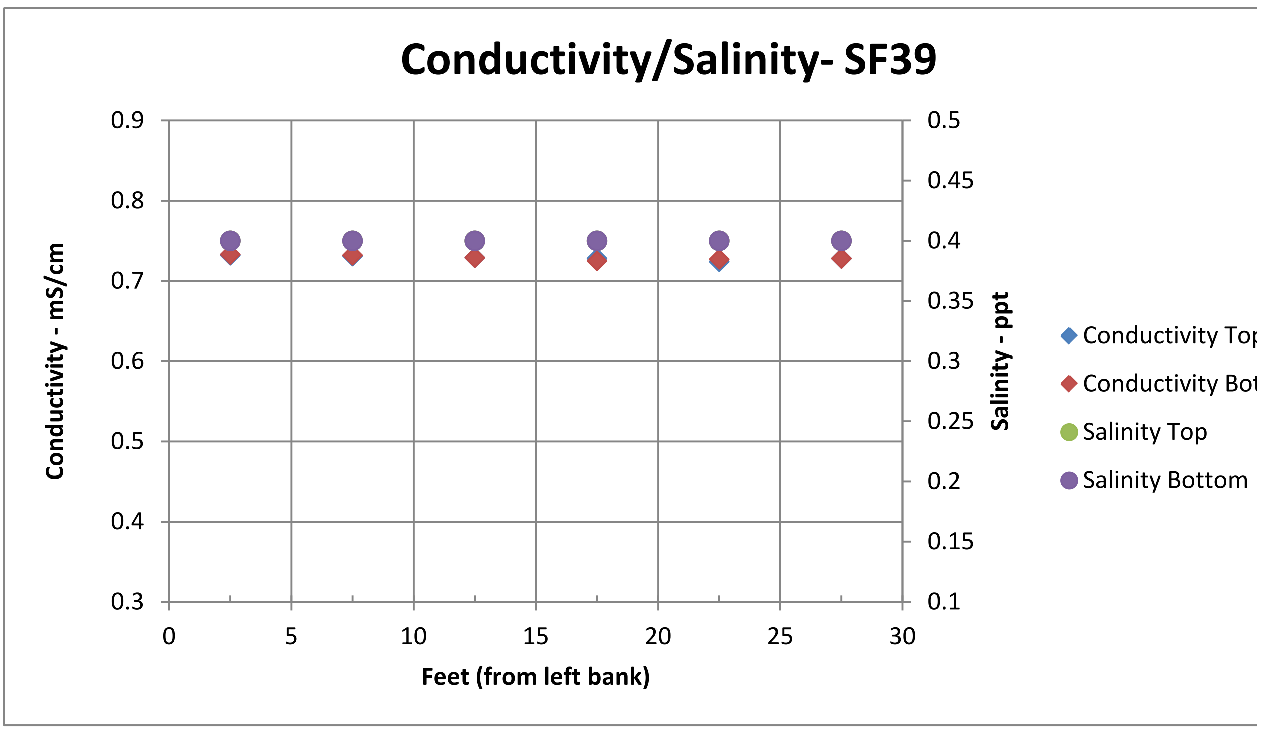


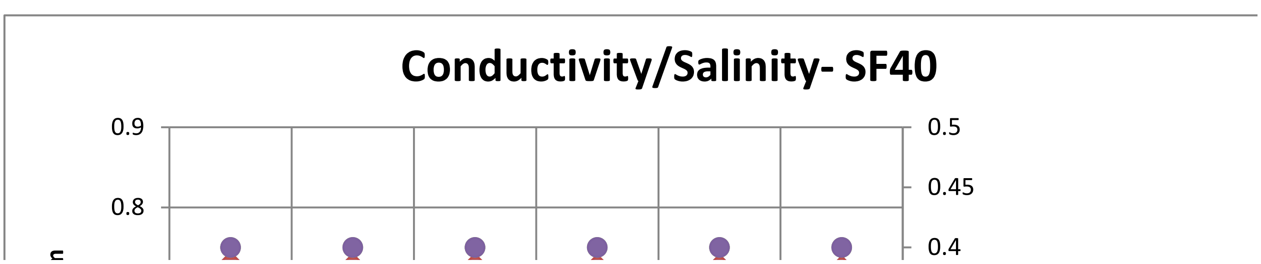
ORP- SF57
150
130
110
90
70
50
30
10
-10
-30
-50
mV
0
5
10
15
20
25
30
Feet (from left bank)
ORP Top
ORP Botton

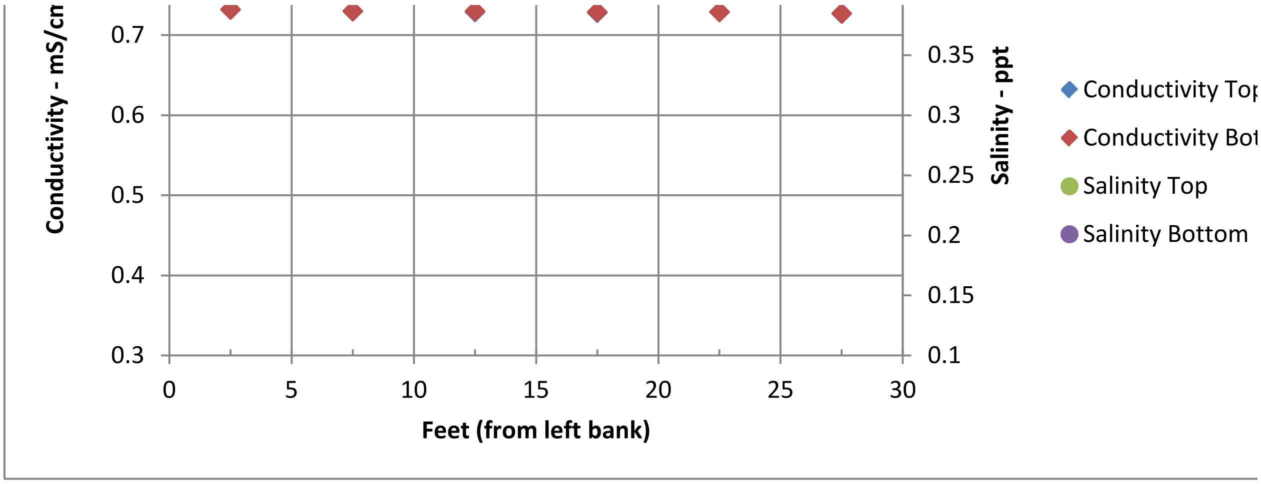


ORP- SF59
mV
150
130
110
90
70
50
30
10
-10
-30
-50
0
5
10
15
20
25
30
Feet (from left bank)
ORP Top
ORP Botton

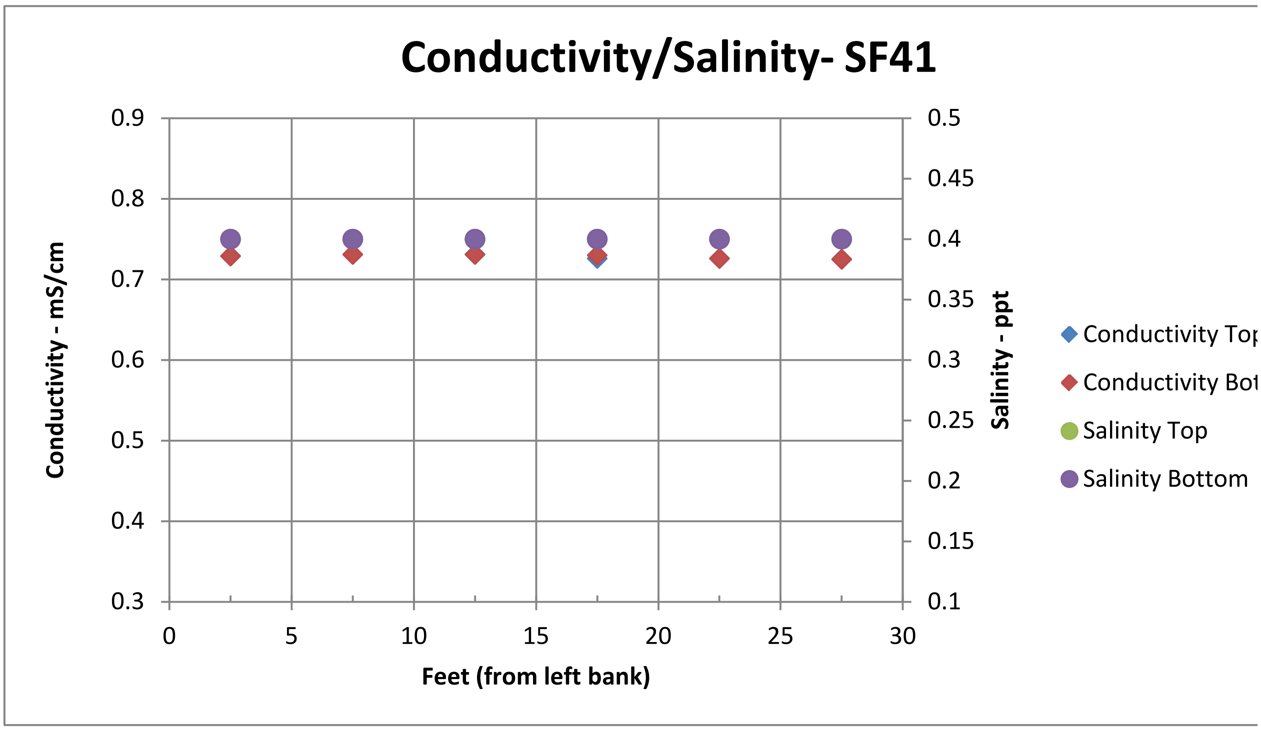

Conductivity/Salinity- SF38
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
Conductivity Top
Conductivity Bot
Salinity Top
Salinity Bottom


Conductivity/Salinity- SF39
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
Conductivity Top
Conductivity Bot
Salinity Top
Salinity Bottom

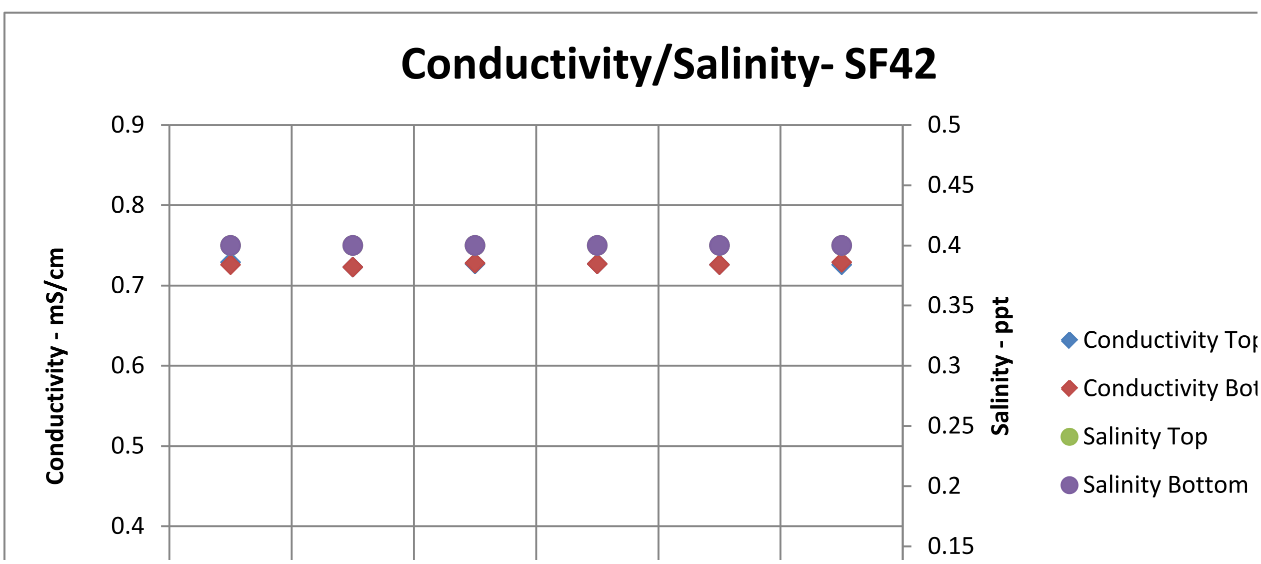

Conductivity/Salinity- SF40



Conductivity - mS/cm
0.7
0.6
0.5
0.4
0.3
0
5
10
15
20
25
30
Feet (from left bank)
0.35
0.3
0.25
0.2
0.15
0.1
Salinity - ppt
Conductivity Top
Conductivity Bot
Salinity Top
Salinity Bottom

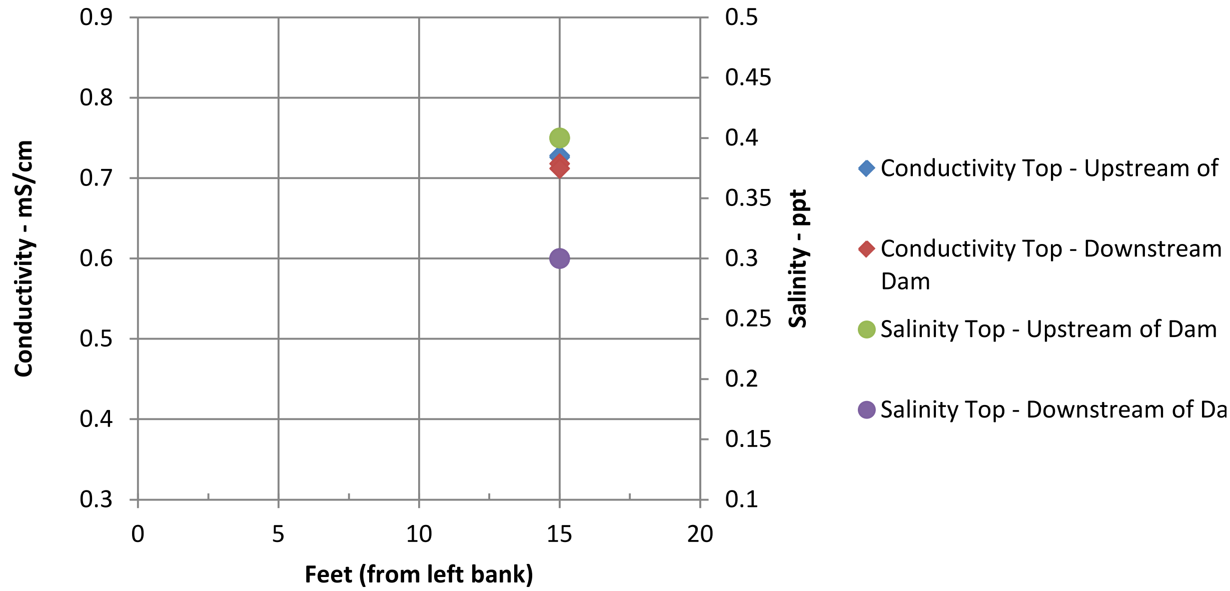


Conductivity/Salinity- SF41
Conductivity - mS/cm
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0
5
10
15
20
25
30
Feet (from left bank)
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
Salinity - ppt
Conductivity Top
Conductivity Bot
Salinity Top
Salinity Bottom

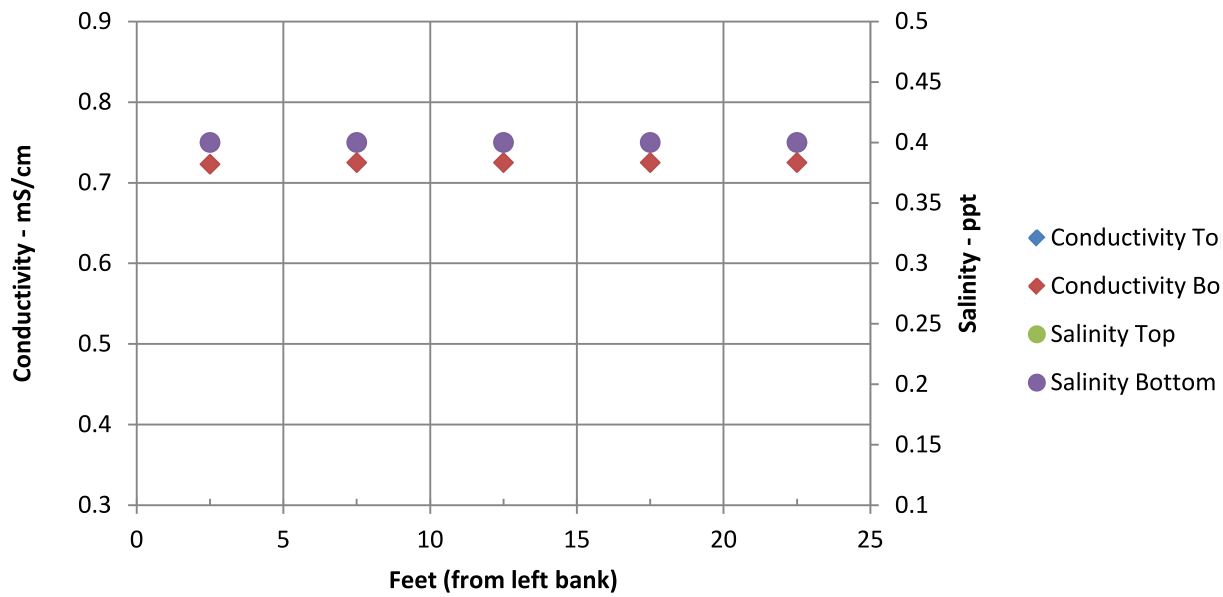


Conductivity/Salinity- SF42
Conductivity - mS/cm
0.9
0.8
0.7
0.6
0.5
0.4
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
Salinity - ppt
Conductivity Top
Conductivity Bot
Salinity Top
Salinity Bottom

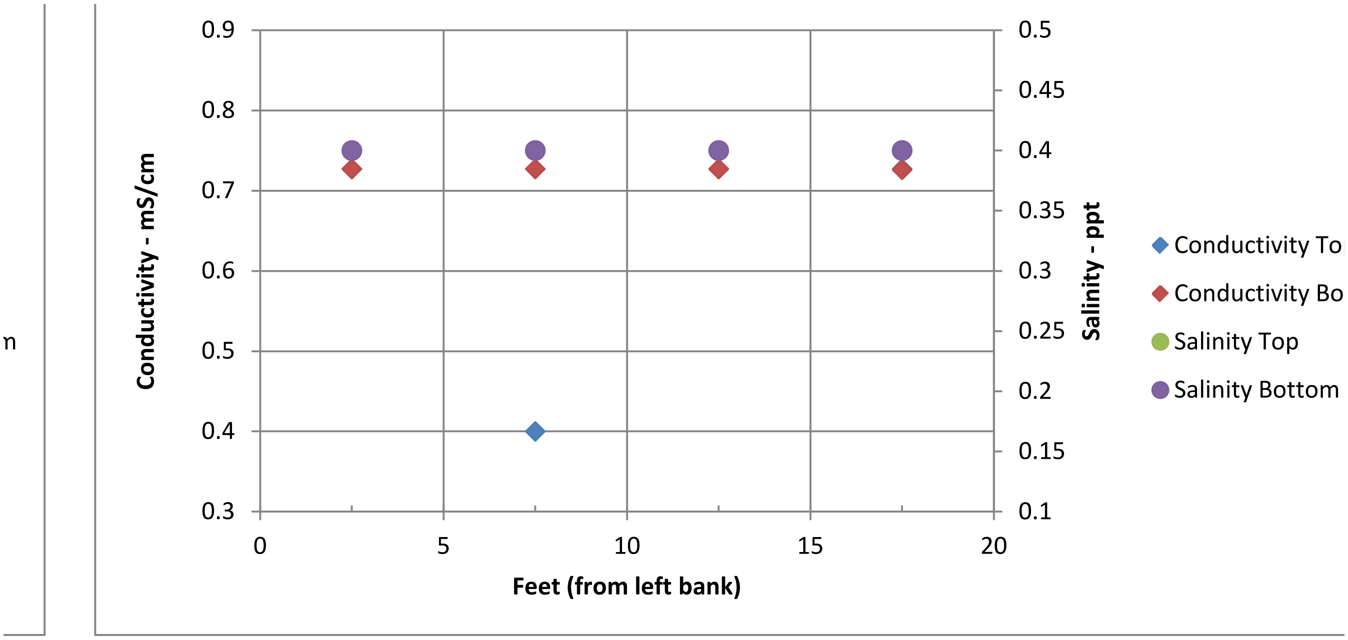
Conductivity/Salinity- Manmade Dam



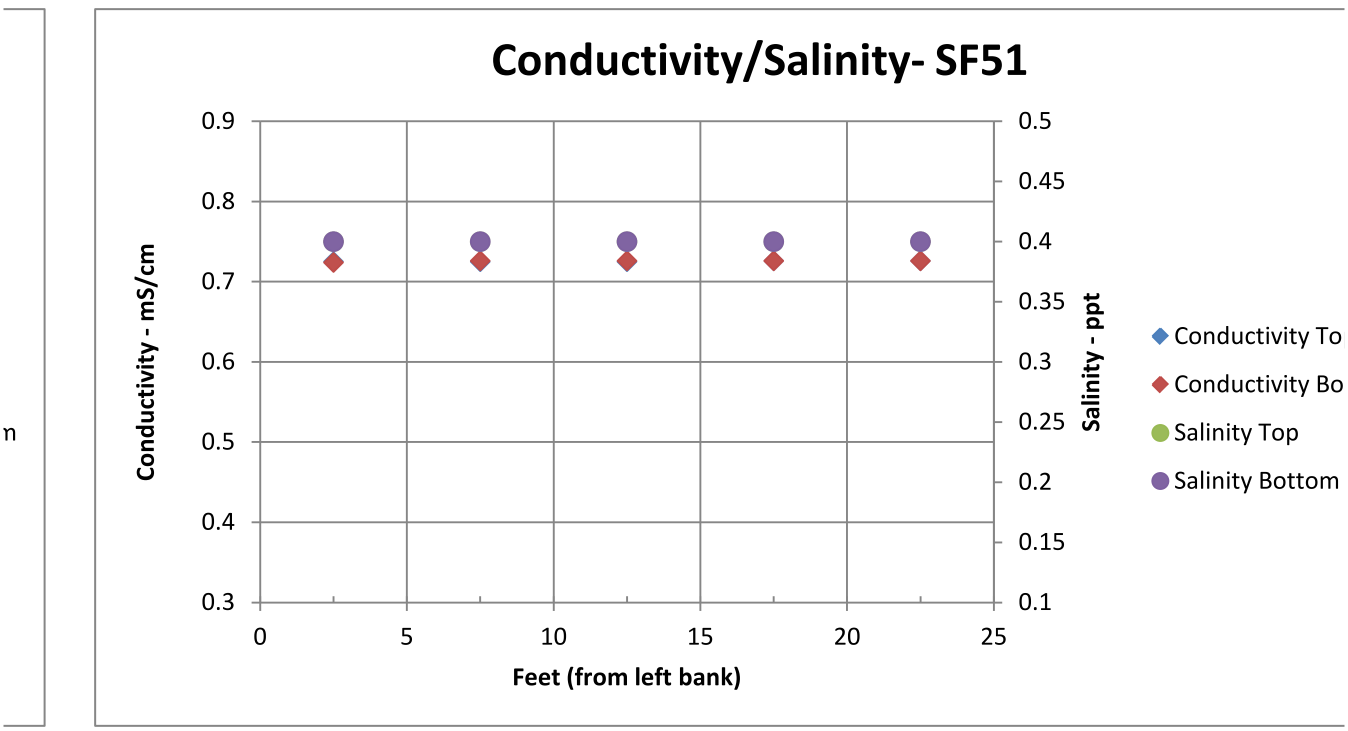
Conductivity/Salinity- SF47



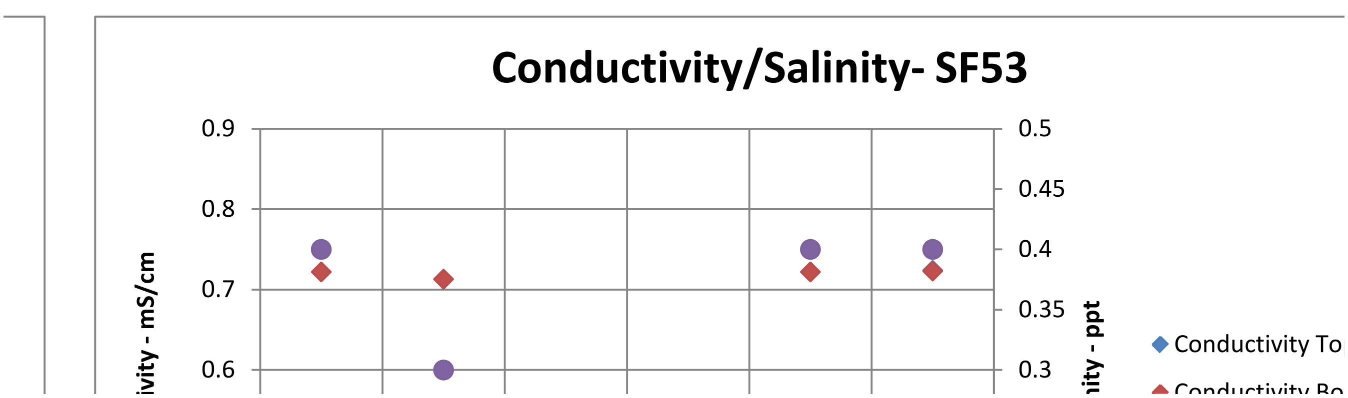
Conductivity/Salinity- SF49



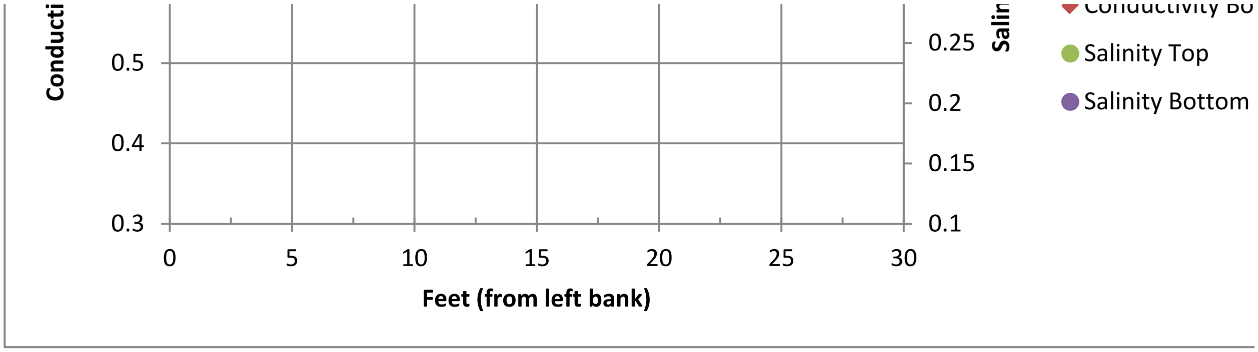
n
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0
5
10
15
20
Feet (from left bank)
Conductivity - mS/cm
Salinity - ppt
Conductivity To
Conductivity Bo
Salinity Top
Salinity Bottom

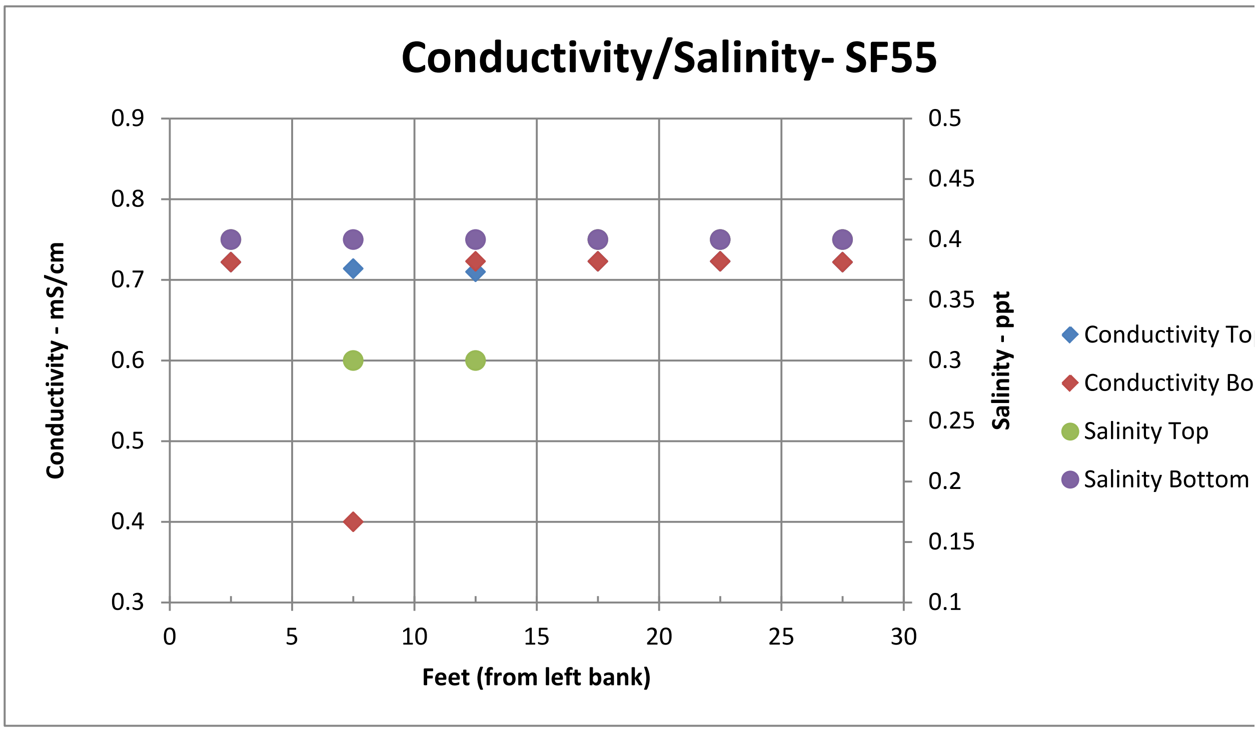


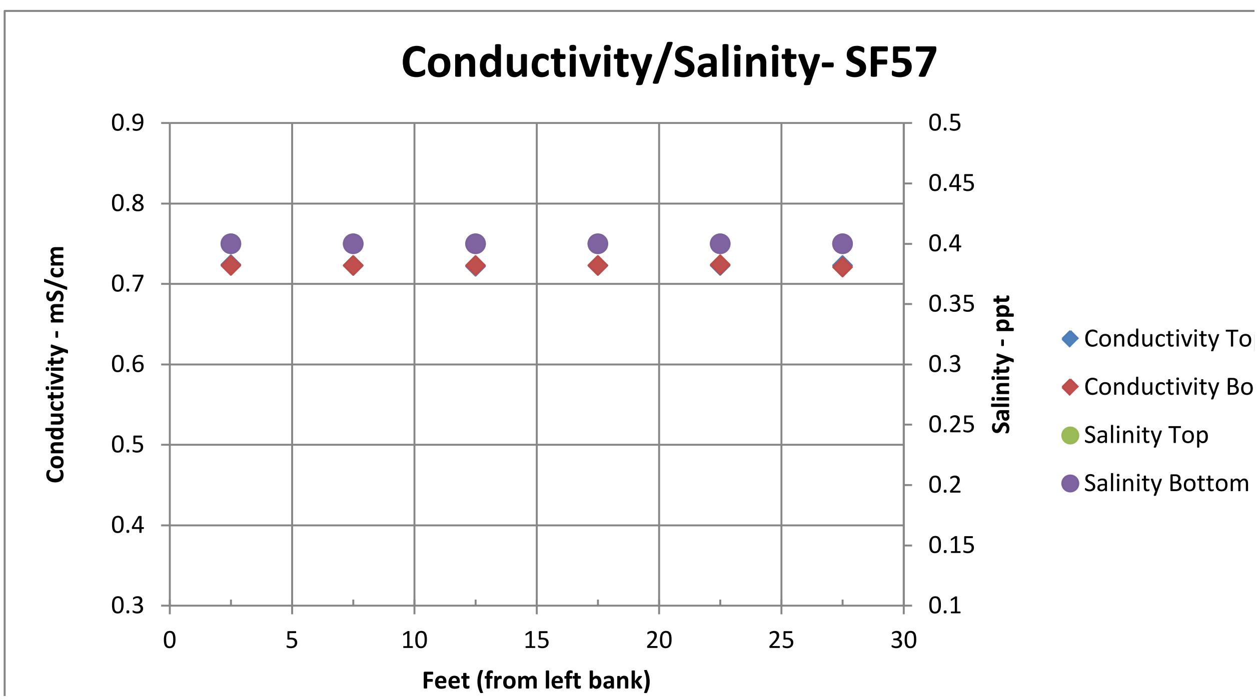
n
Conductivity/Salinity- SF51
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0
5
10
15
20
25
Feet (from left bank)
Conductivity - mS/cm
Salinity - ppt
Conductivity To
Conductivity Bo
Salinity Top
Salinity Bottom

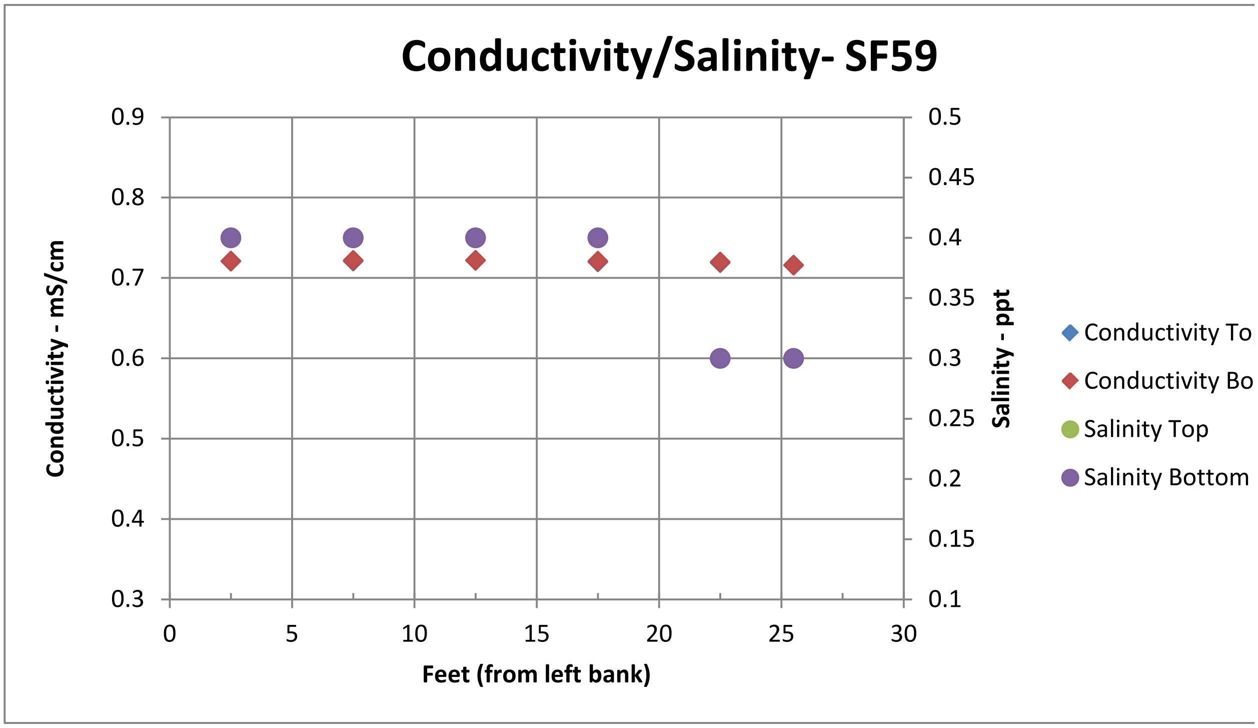


Conductivity/Salinity- SF53
0.9
0.8
0.7
0.6
0.5
0.45
0.4
0.35
0.3
ivity - mS/cm
iity - ppt
Conductivity To

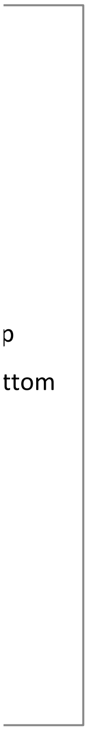

Conducti
0.5
0.4
0.3
0
5
10
15
20
25
30
Feet (from left bank)
0.25
0.2
0.15
0.1
Salin
Salinity Top
Salinity Bottom

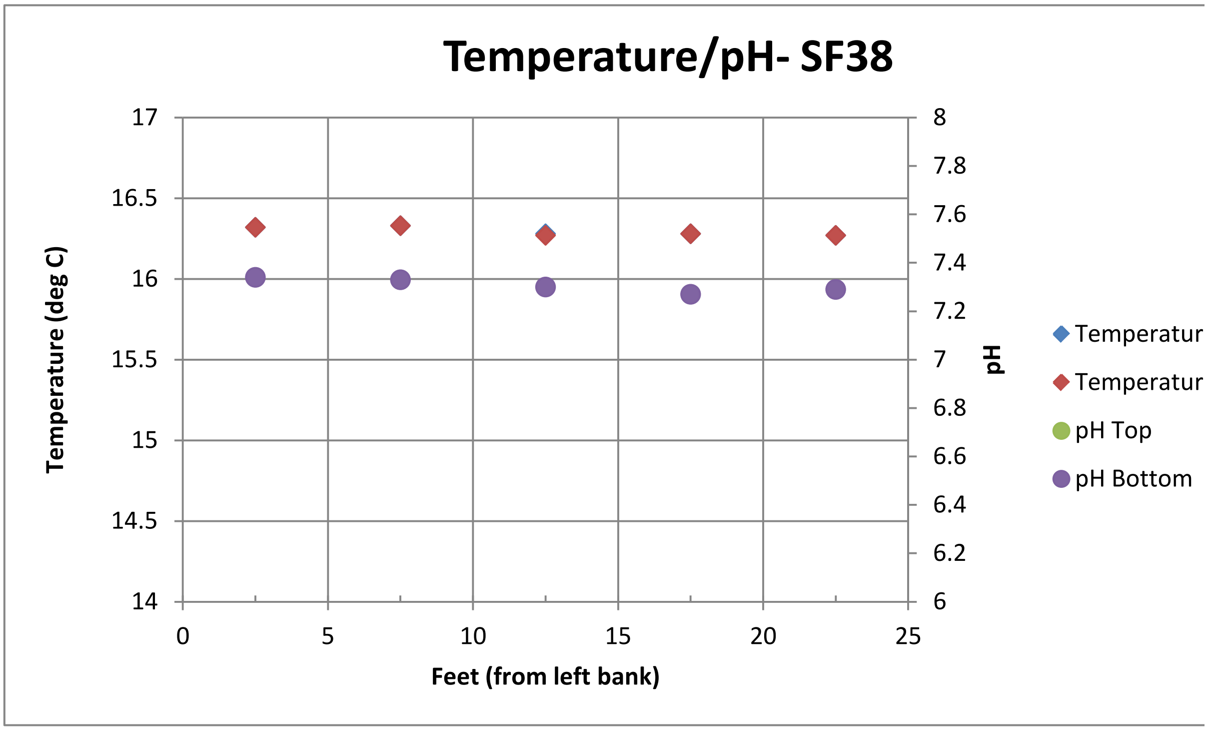

Conductivity/Salinity- SF55
Conductivity - mS/cm
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0
5
10
15
20
25
30
Feet (from left bank)
Salinity - ppt
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
Conductivity To
Conductivity Bo
Salinity Top
Salinity Bottom

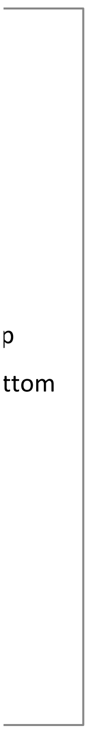

Conductivity/Salinity- SF57
Conductivity - mS/cm
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0
5
10
15
20
25
30
Feet (from left bank)
Salinity - ppt
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
Conductivity To
Conductivity Bo
Salinity Top
Salinity Bottom

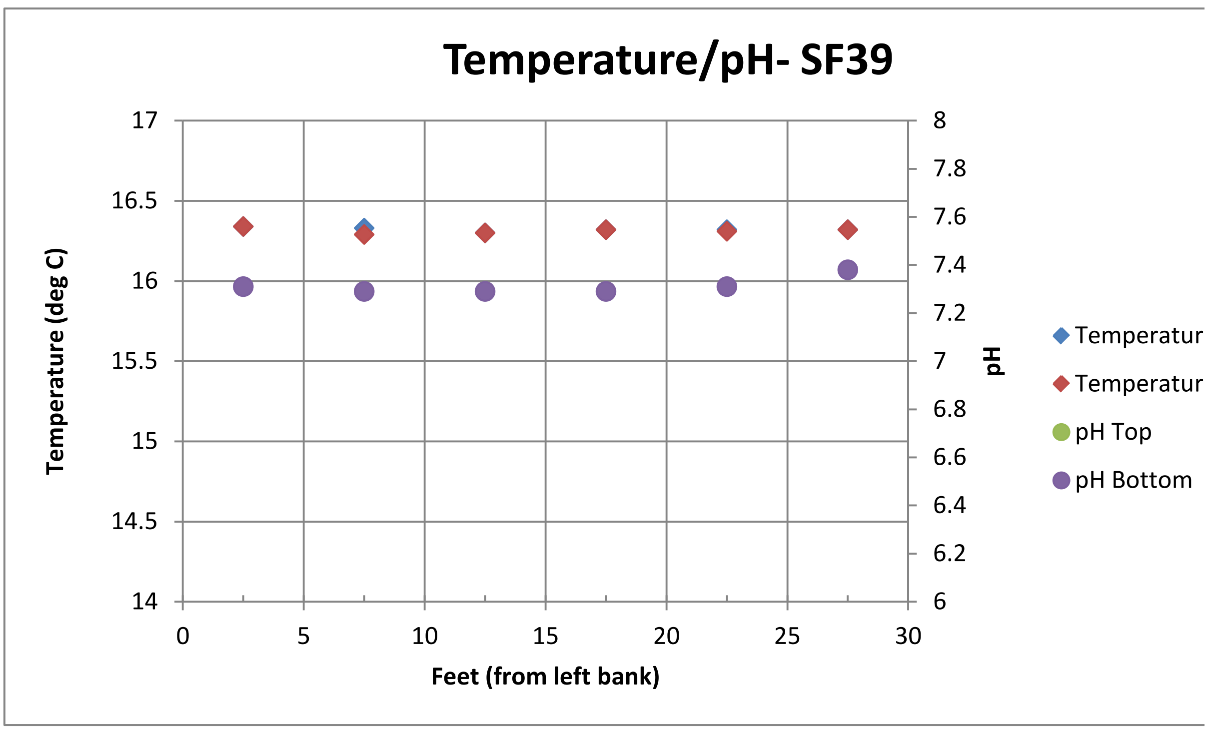


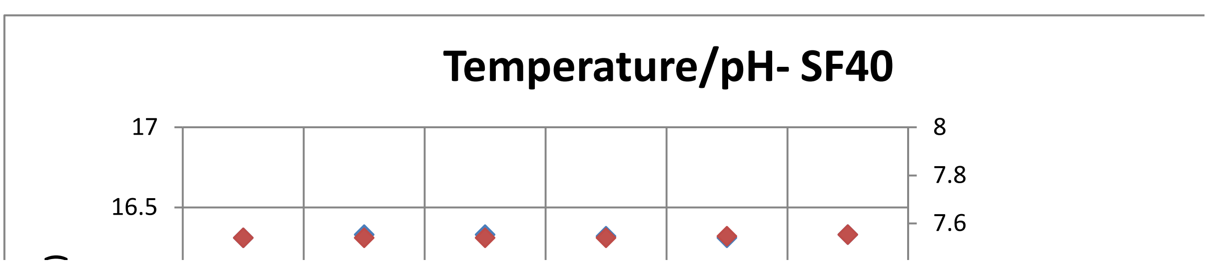
Conductivity/Salinity- SF59
Conductivity - mS/cm
Salinity - ppt
Feet (from left bank)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0
5
10
15
20
25
30
Conductivity To
Conductivity Bo
Salinity Top
Salinity Bottom


p
ttom

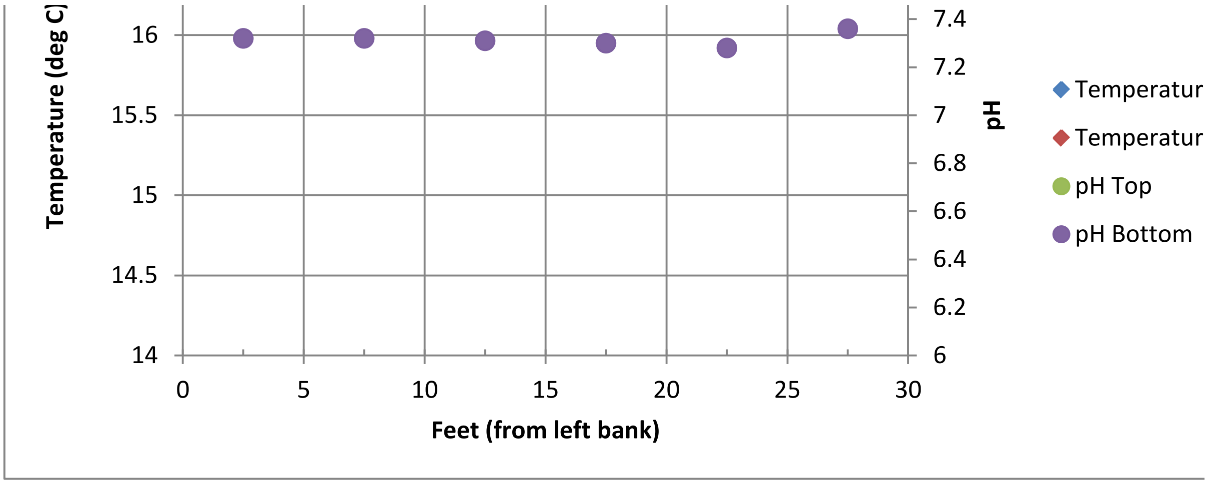

Temperature/pH- SF38
Temperature (deg C)
17
16.5
16
15.5
15
14.5
14
0
5
10
15
20
25
Feet (from left bank)
8
7.8
7.6
7.4
7.2
7
6.8
6.6
6.4
6.2
6
pH
Temperatur
Temperatur
pH Top
pH Bottom


p
ttom

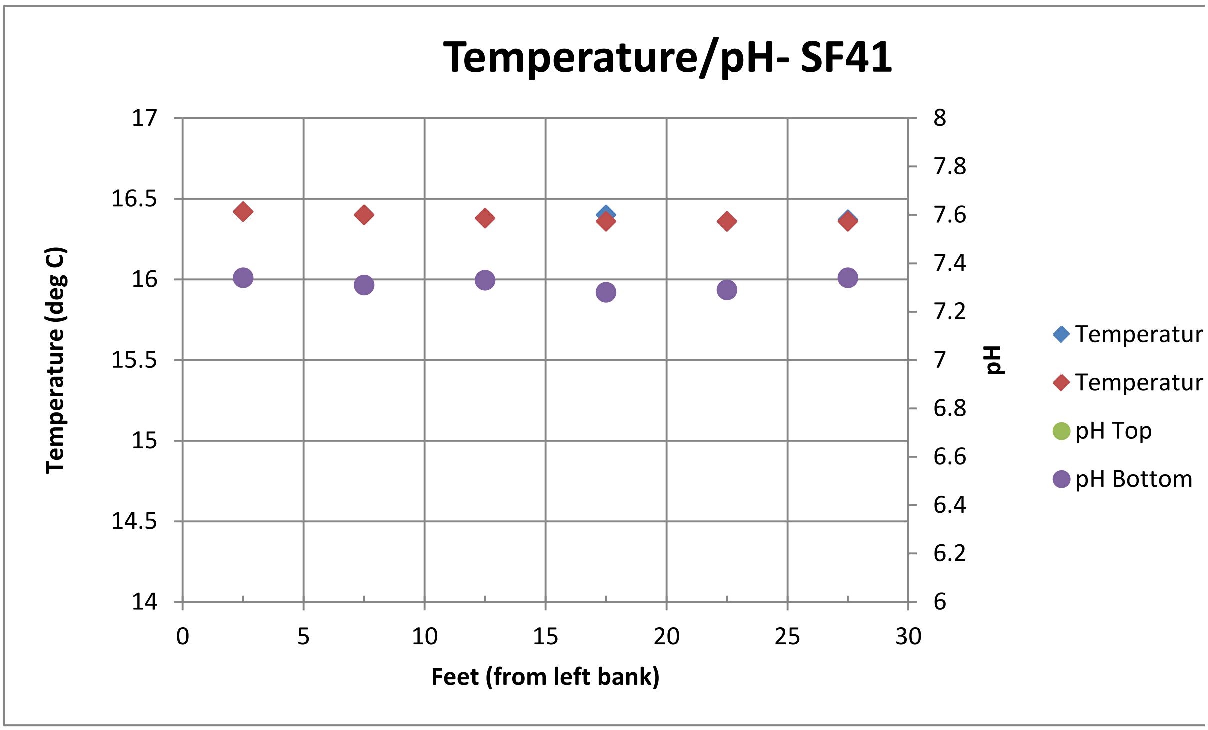

Temperature/pH- SF39
Temperature (deg C)
17
16.5
16
15.5
15
14.5
14
0
5
10
15
20
25
30
Feet (from left bank)
8
7.8
7.6
7.4
7.2
7
6.8
6.6
6.4
6.2
6
pH
Temperatur
Temperatur
pH Top
pH Bottom


Temperature/pH- SF40
17
16.5
8
7.8
7.6

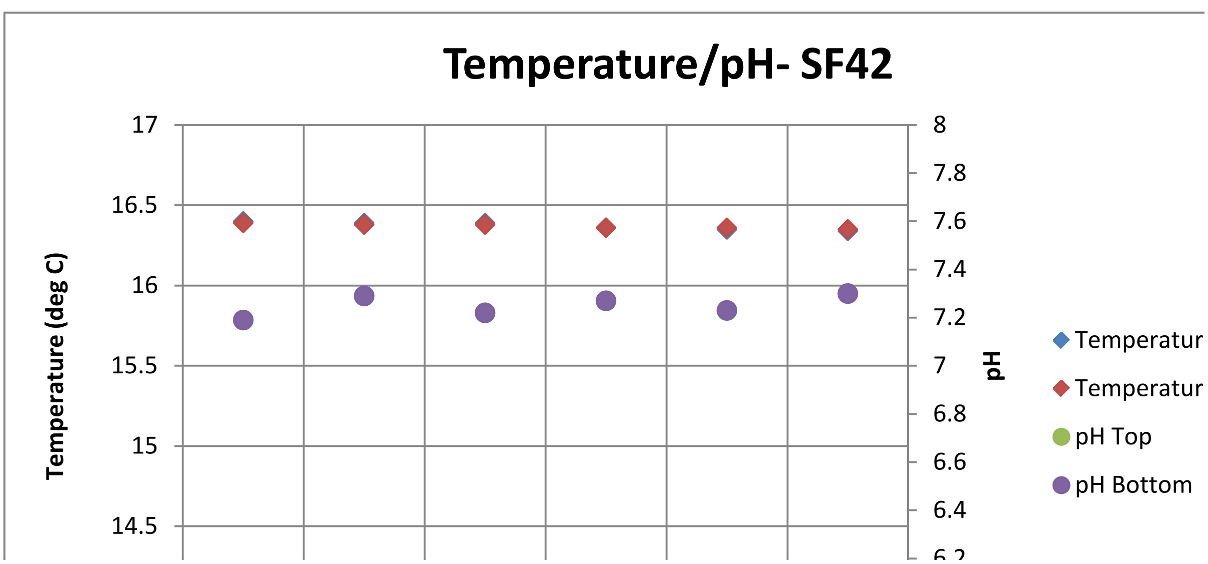
p
ttom

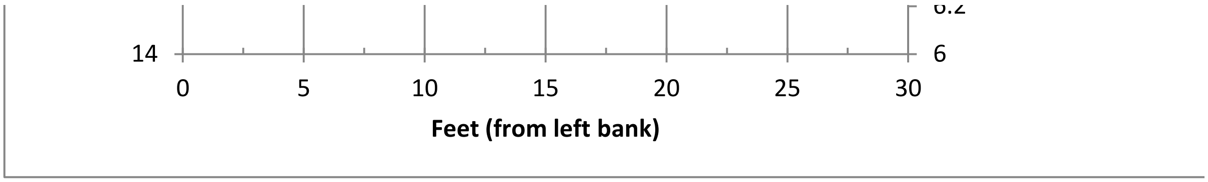


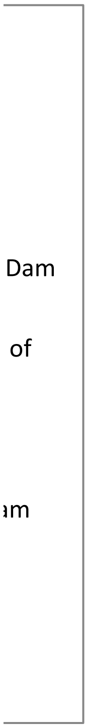
p
ttom

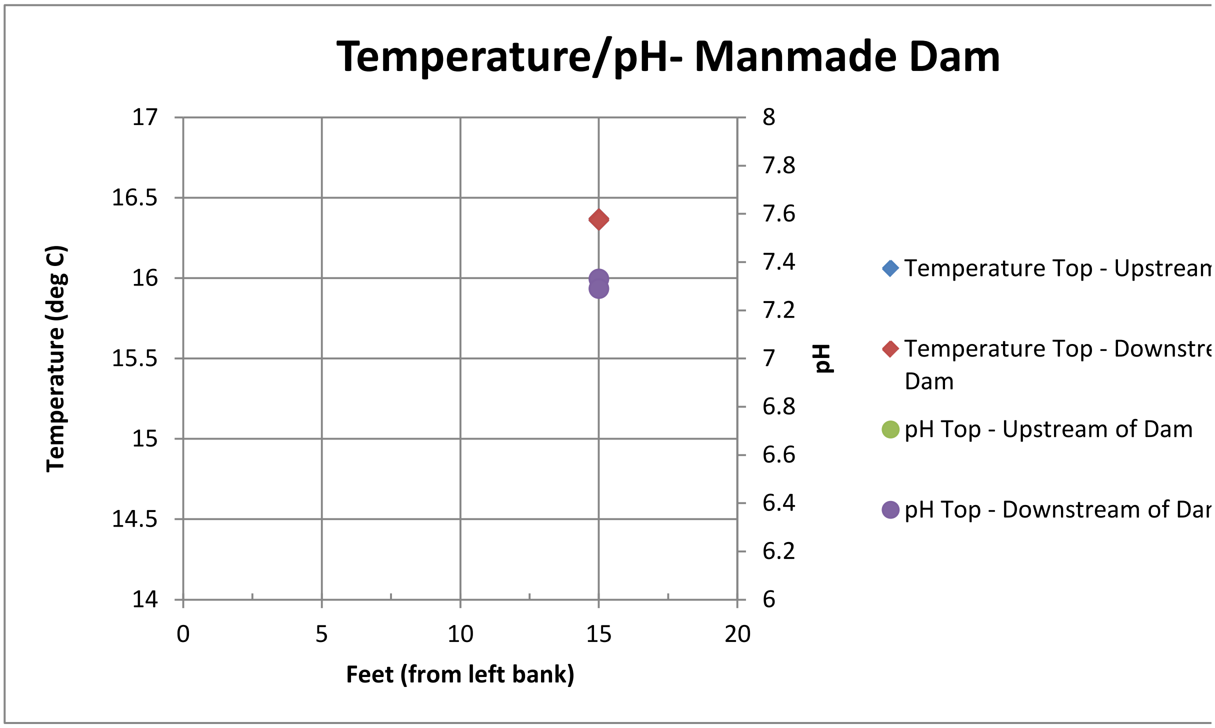


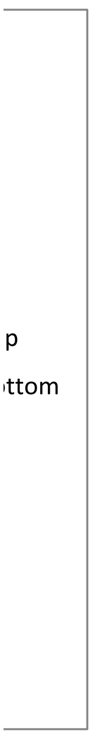
p
ttom

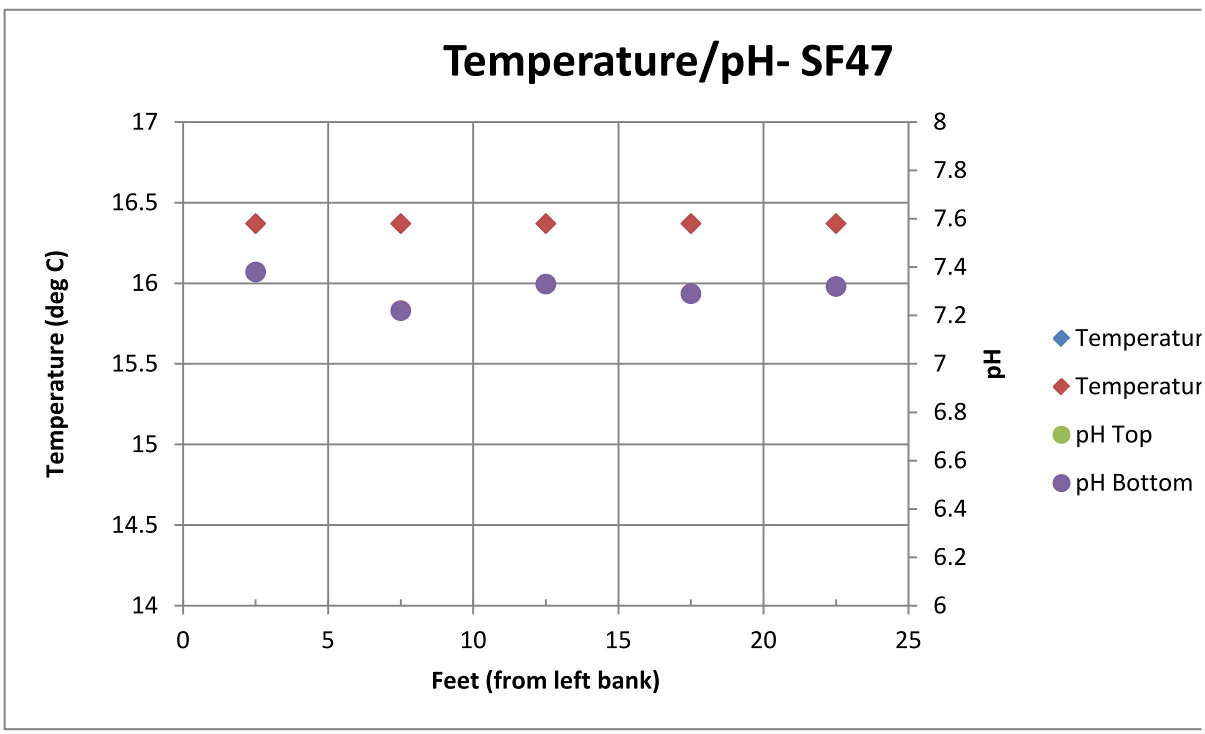


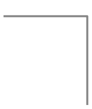

14
0
5
10
15
20
25
30
6
Feet (from left bank)


Dam
of
am


Temperature/pH- Manmade Dam
Temperature (deg C)
17
16.5
16
15.5
15
14.5
14
0
5
10
15
20
Feet (from left bank)
pH
8
7.8
7.6
7.4
7.2
7
6.8
6.6
6.4
6.2
6
Temperature Top - Upstrean
Temperature Top - Downstre
Dam
pH Top - Upstream of Dam
pH Top - Downstream of Dar


p
ttom

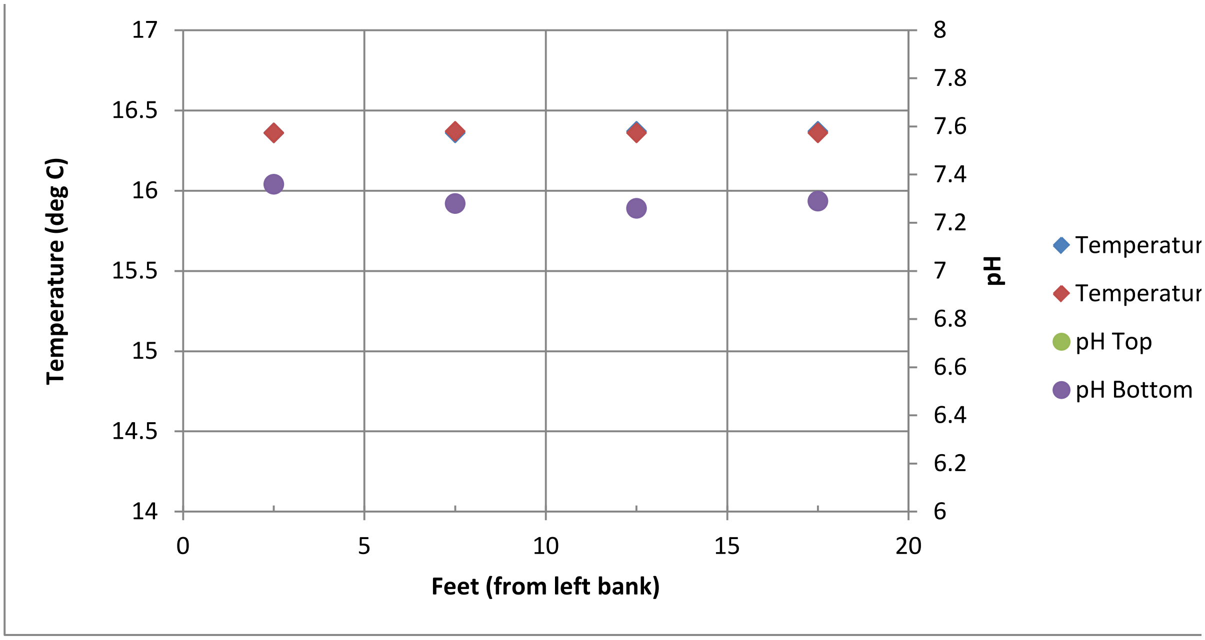

Temperature/pH- SF47
Temperature (deg C)
17
16.5
16
15.5
15
14.5
14
0
5
10
15
20
25
Feet (from left bank)
pH
8
7.8
7.6
7.4
7.2
7
6.8
6.6
6.4
6.2
6
Temperatur
Temperatur
pH Top
pH Bottom




Temperature/pH- SF49

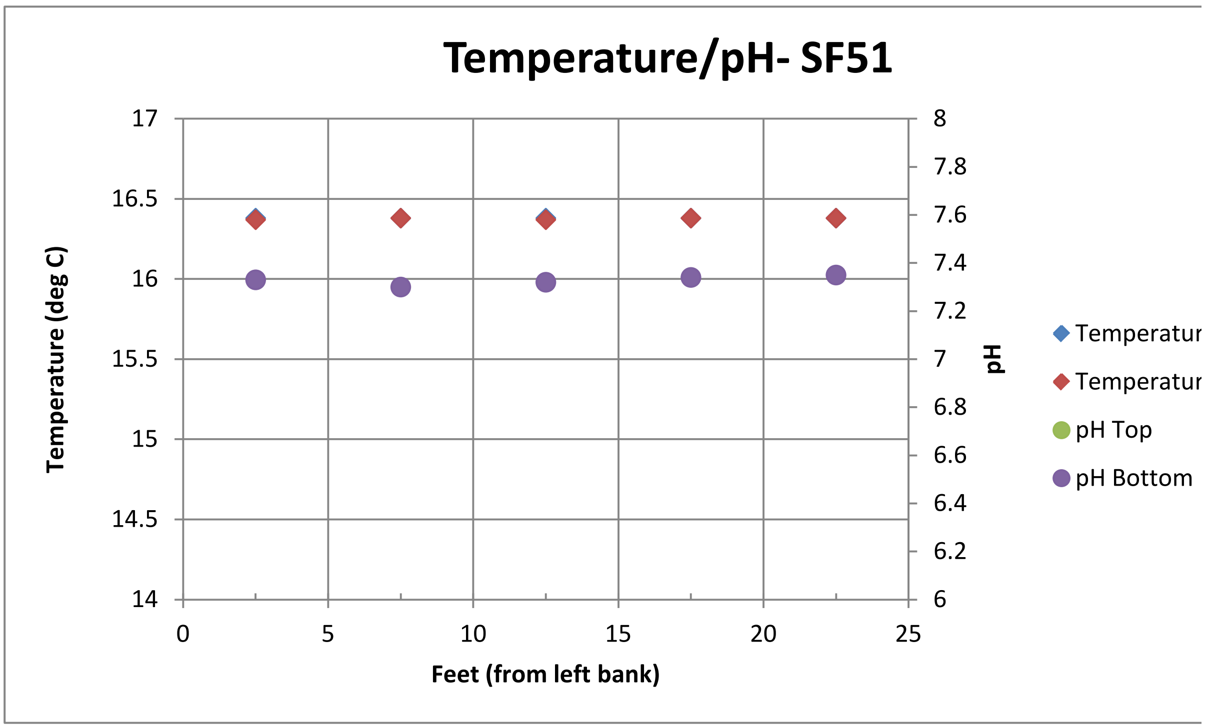
p

ttom



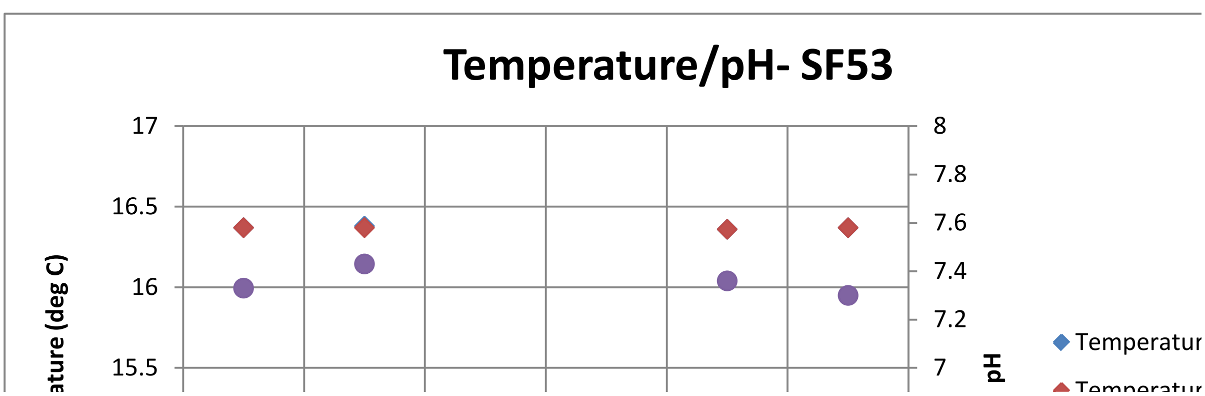
p

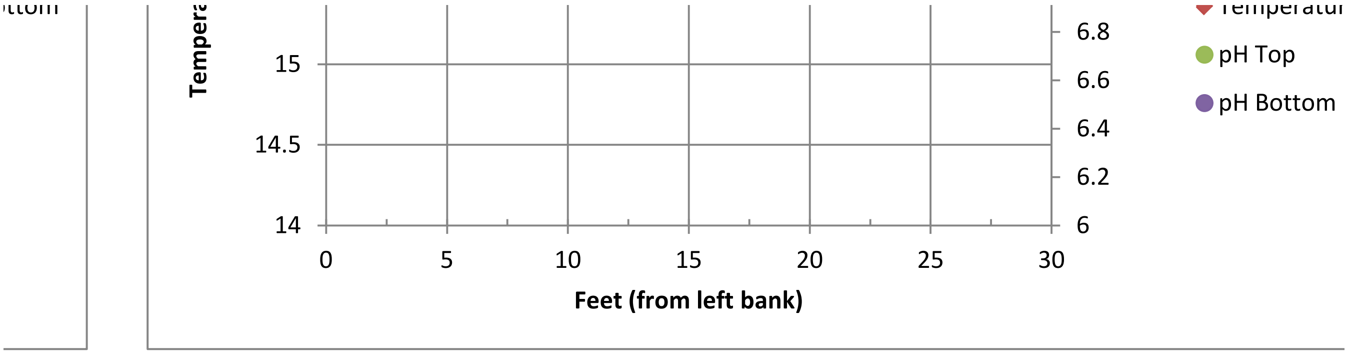
ttom



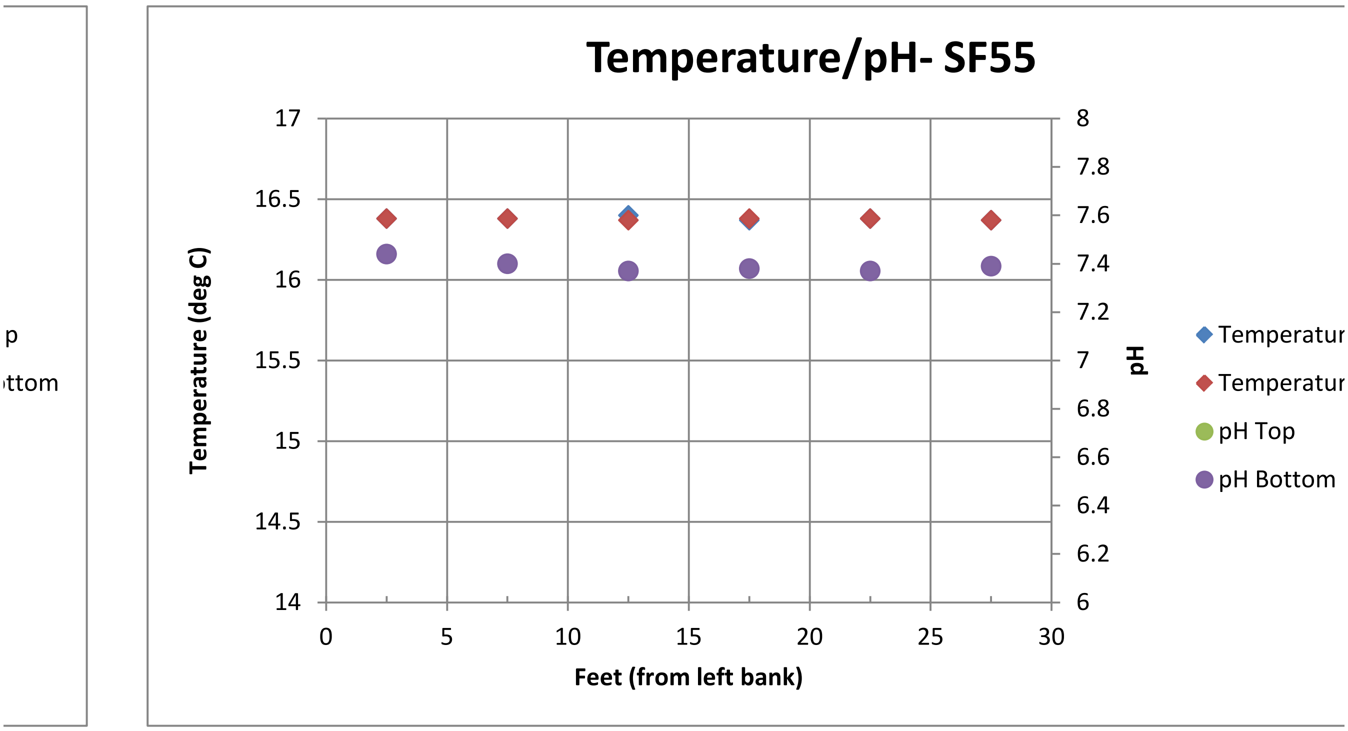
p

ttom

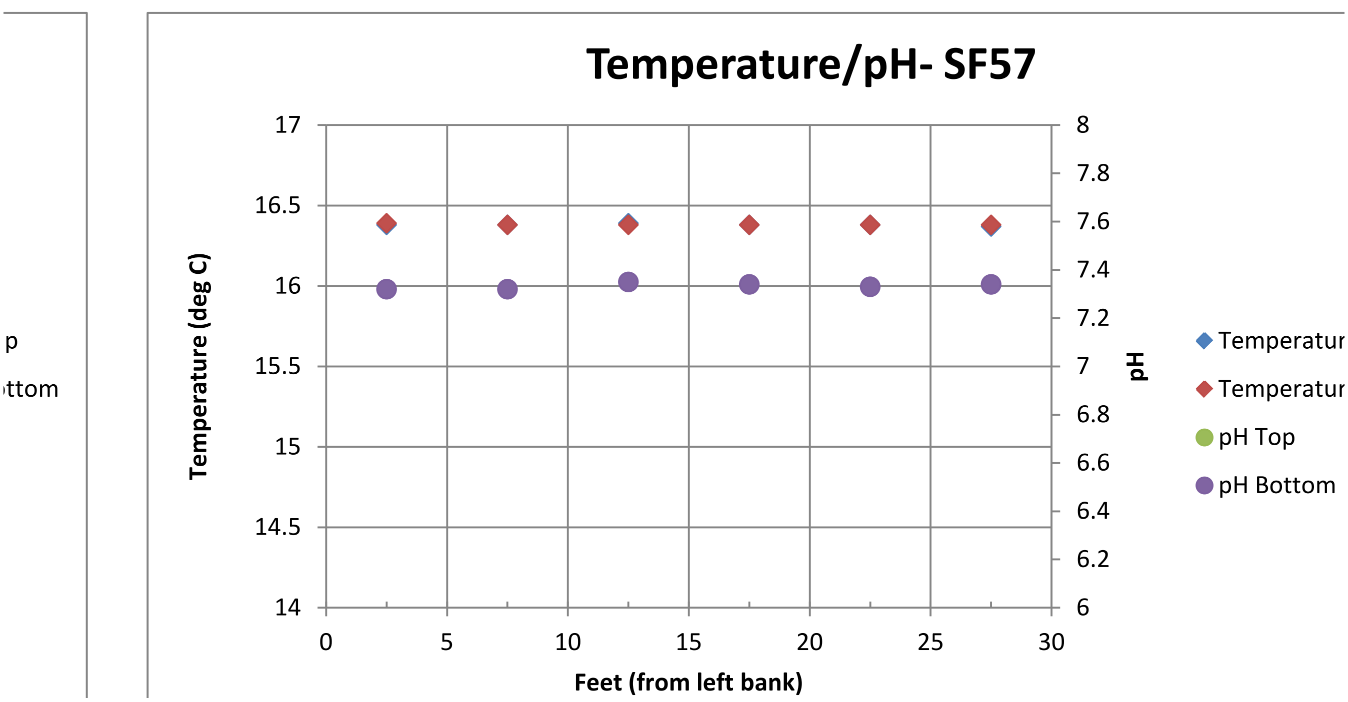




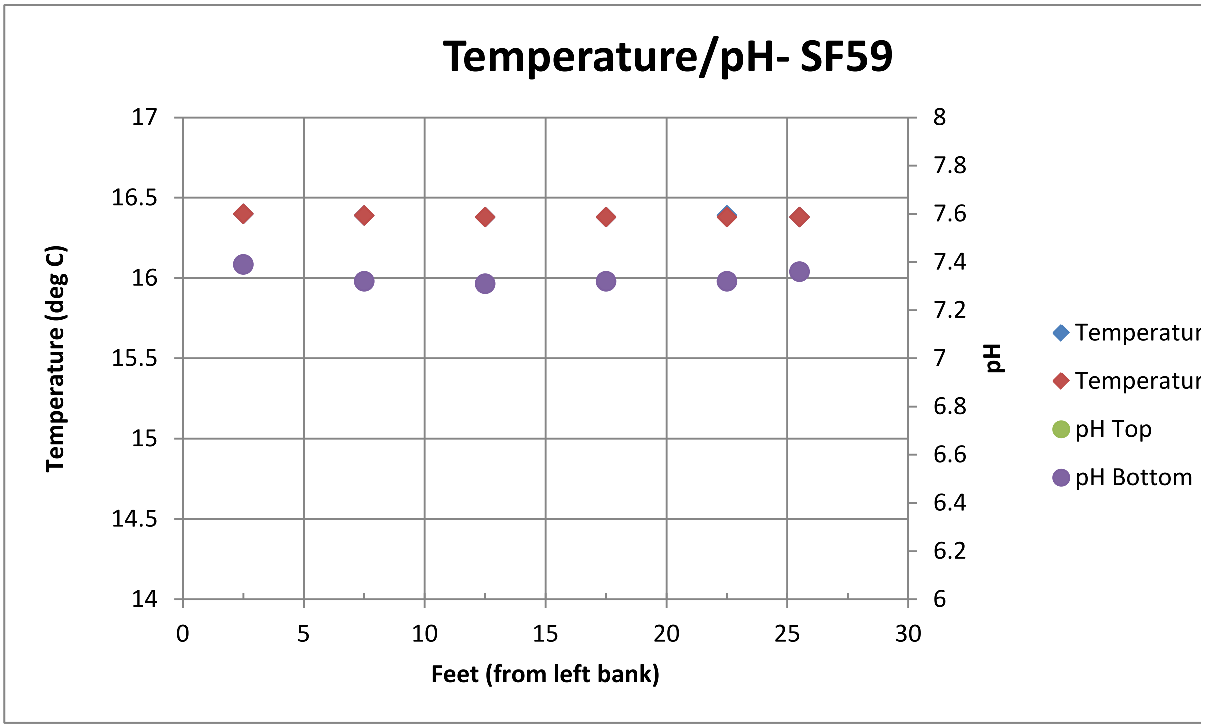
Tempera
15
14.5
14
0 5 10 15 20 25 30
Feet (from left bank)
6.8
6.6
6.4
6.2
6
pH Top
pH Bottom



Temperature/pH- SF55
Temperature (deg C)
17
16.5
16
15.5
15
14.5
14
0 5 10 15 20 25 30
Feet (from left bank)
pH
8
7.8
7.6
7.4
7.2
7
6.8
6.6
6.4
6.2
6
Temperatur
Temperatur
pH Top
pH Bottom



Temperature/pH- SF57
Temperature (deg C)
17
16.5
16
15.5
15
14.5
14
0 5 10 15 20 25 30
Feet (from left bank)
pH
8
7.8
7.6
7.4
7.2
7
6.8
6.6
6.4
6.2
6
Temperatur
Temperatur
pH Top
pH Bottom


Temperature/pH- SF59
Temperature (deg C)
17
16.5
16
15.5
15
14.5
14
pH
8
7.8
7.6
7.4
7.2
7
6.8
6.6
6.4
6.2
6
0
5
10
15
20
25
30
Feet (from left bank)
Temperatur
Temperatur
pH Top
pH Bottom

'e Top

'e Bottom

'e Top

'e Bottom

e Top

e Bottom

e Top

e Bottom

e Top

e Bottom

n of Dam

eam of

m

re Top

re Bottom

re Top

re Bottom

re Top

re Bottom

re Top

re Bottom

re Bottom

re Top

re Bottom

re Top

re Bottom

re Top

re Bottom

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF18A-BOT	SF18	BOT	2.5	5/8/2012 9:15	CONDUCTIVITY	0.716	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18B-BOT	SF18	BOT	7.5	5/8/2012 9:15	CONDUCTIVITY	0.715	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18C-BOT	SF18	BOT	12.5	5/8/2012 9:15	CONDUCTIVITY	0.715	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18D-BOT	SF18	BOT	17.5	5/8/2012 9:15	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18A-TOP	SF18	TOP	2.5	5/8/2012 9:15	CONDUCTIVITY	0.711	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18B-TOP	SF18	TOP	7.5	5/8/2012 9:15	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18C-TOP	SF18	TOP	12.5	5/8/2012 9:15	CONDUCTIVITY	0.713	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18D-TOP	SF18	TOP	17.5	5/8/2012 9:15	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF19A-BOT	SF19	BOT	2.5	5/8/2012 9:33	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19B-BOT	SF19	BOT	7.5	5/8/2012 9:33	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19C-BOT	SF19	BOT	12.5	5/8/2012 9:33	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19D-BOT	SF19	BOT	17.5	5/8/2012 9:33	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19E-BOT	SF19	BOT	22.5	5/8/2012 9:33	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19F-BOT	SF19	BOT	27.5	5/8/2012 9:33	CONDUCTIVITY	0.713	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 4" feet wide). Shallow Water: TOP sample equals BOTTOM sample - on bank, lots of leaves and organic matter
CDEOU4-120508-SF19A-TOP	SF19	TOP	2.5	5/8/2012 9:33	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19B-TOP	SF19	TOP	7.5	5/8/2012 9:33	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19C-TOP	SF19	TOP	12.5	5/8/2012 9:33	CONDUCTIVITY	0.715	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19D-TOP	SF19	TOP	17.5	5/8/2012 9:33	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19E-TOP	SF19	TOP	22.5	5/8/2012 9:33	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19F-TOP	SF19	TOP	27.5	5/8/2012 9:33	CONDUCTIVITY	0.713	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 4" feet wide). Shallow Water: TOP sample equals BOTTOM sample - on bank, lots of leaves and organic matter
CDEOU4-120508-SF20A-BOT	SF20	BOT	2.5	5/8/2012 9:47	CONDUCTIVITY	0.719	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20B-BOT	SF20	BOT	7.5	5/8/2012 9:47	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20C-BOT	SF20	BOT	12.5	5/8/2012 9:47	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20D-BOT	SF20	BOT	17.5	5/8/2012 9:47	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20E-BOT	SF20	BOT	22.5	5/8/2012 9:47	CONDUCTIVITY	0.721	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20F-BOT	SF20	BOT	27.5	5/8/2012 9:47	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20G-BOT	SF20	BOT	32.5	5/8/2012 9:47	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20H-BOT	SF20	BOT	37.5	5/8/2012 9:47	CONDUCTIVITY	0.75	Horiba U52 - Field measurement collected 37.5 feet from left bank (38' 1" feet wide). Shallow water: TOP sample equals BOTTOM sample - on bank, sample taken in muck and leaves, with a lot of other organic matter
CDEOU4-120508-SF20A-TOP	SF20	TOP	2.5	5/8/2012 9:47	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20B-TOP	SF20	TOP	7.5	5/8/2012 9:47	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20C-TOP	SF20	TOP	12.5	5/8/2012 9:47	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20D-TOP	SF20	TOP	17.5	5/8/2012 9:47	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20E-TOP	SF20	TOP	22.5	5/8/2012 9:47	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20F-TOP	SF20	TOP	27.5	5/8/2012 9:47	CONDUCTIVITY	0.721	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20G-TOP	SF20	TOP	32.5	5/8/2012 9:47	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20H-TOP	SF20	TOP	37.5	5/8/2012 9:47	CONDUCTIVITY	0.75	Horiba U52 - Field measurement collected 37.5 feet from left bank (38' 1" feet wide). Shallow water: TOP sample equals BOTTOM sample - on bank, sample taken in muck and leaves, with a lot of other organic matter
CDEOU4-120508-SF21A-BOT	SF21	BOT	2.5	5/8/2012 10:11	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21B-BOT	SF21	BOT	7.5	5/8/2012 10:11	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21C-BOT	SF21	BOT	12.5	5/8/2012 10:11	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21D-BOT	SF21	BOT	17.5	5/8/2012 10:11	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' feet wide). Bottom full of gravel and hardened debris - from construction site?
CDEOU4-120508-SF21E-BOT	SF21	BOT	22.5	5/8/2012 10:11	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21A-TOP	SF21	TOP	2.5	5/8/2012 10:11	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21B-TOP	SF21	TOP	7.5	5/8/2012 10:11	CONDUCTIVITY	0.711	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21C-TOP	SF21	TOP	12.5	5/8/2012 10:11	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21D-TOP	SF21	TOP	17.5	5/8/2012 10:11	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21E-TOP	SF21	TOP	22.5	5/8/2012 10:11	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF22A-BOT	SF22	BOT	2.5	5/8/2012 10:26	CONDUCTIVITY	0.719	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22B-BOT	SF22	BOT	7.5	5/8/2012 10:26	CONDUCTIVITY	0.713	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22C-BOT	SF22	BOT	12.5	5/8/2012 10:26	CONDUCTIVITY	0.719	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22D-BOT	SF22	BOT	17.5	5/8/2012 10:26	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22E-BOT	SF22	BOT	22.5	5/8/2012 10:26	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22A-TOP	SF22	TOP	2.5	5/8/2012 10:26	CONDUCTIVITY	0.719	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22B-TOP	SF22	TOP	7.5	5/8/2012 10:26	CONDUCTIVITY	0.712	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22C-TOP	SF22	TOP	12.5	5/8/2012 10:26	CONDUCTIVITY	0.719	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22D-TOP	SF22	TOP	17.5	5/8/2012 10:26	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22E-TOP	SF22	TOP	22.5	5/8/2012 10:26	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF23A-BOT	SF23	BOT	2.5	5/8/2012 10:36	CONDUCTIVITY	0.707	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23B-BOT	SF23	BOT	7.5	5/8/2012 10:36	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23C-BOT	SF23	BOT	12.5	5/8/2012 10:36	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23D-BOT	SF23	BOT	17.5	5/8/2012 10:36	CONDUCTIVITY	0.708	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108 - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF23A-TOP	SF23	TOP	2.5	5/8/2012 10:36	CONDUCTIVITY	0.716	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23B-TOP	SF23	TOP	7.5	5/8/2012 10:36	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23C-TOP	SF23	TOP	12.5	5/8/2012 10:36	CONDUCTIVITY	0.719	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23D-TOP	SF23	TOP	17.5	5/8/2012 10:36	CONDUCTIVITY	0.708	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108 - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF25A-BOT	SF25	BOT	2.5	5/8/2012 10:56	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25B-BOT	SF25	BOT	7.5	5/8/2012 10:56	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25C-BOT	SF25	BOT	12.5	5/8/2012 10:56	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25D-BOT	SF25	BOT	17.5	5/8/2012 10:56	CONDUCTIVITY	0.715	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25E-BOT	SF25	BOT	22.5	5/8/2012 10:56	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed (Very rocky)
CDEOU4-120508-SF25F-BOT	SF25	BOT	27.5	5/8/2012 10:56	CONDUCTIVITY	0.715	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed: Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF25A-TOP	SF25	TOP	2.5	5/8/2012 10:56	CONDUCTIVITY	0.715	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25B-TOP	SF25	TOP	7.5	5/8/2012 10:56	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25C-TOP	SF25	TOP	12.5	5/8/2012 10:56	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25D-TOP	SF25	TOP	17.5	5/8/2012 10:56	CONDUCTIVITY	0.716	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25E-TOP	SF25	TOP	22.5	5/8/2012 10:56	CONDUCTIVITY	0.708	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25F-TOP	SF25	TOP	27.5	5/8/2012 10:56	CONDUCTIVITY	0.715	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed: Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26A-BOT	SF26	BOT	2.5	5/8/2012 11:13	CONDUCTIVITY	0.399	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26B-BOT	SF26	BOT	7.5	5/8/2012 11:13	CONDUCTIVITY	0.715	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26C-BOT	SF26	BOT	12.5	5/8/2012 11:13	CONDUCTIVITY	0.714	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26D-BOT	SF26	BOT	17.5	5/8/2012 11:13	CONDUCTIVITY	0.714	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26E-BOT	SF26	BOT	22.5	5/8/2012 11:13	CONDUCTIVITY	0.715	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF26A-TOP	SF26	TOP	2.5	5/8/2012 11:13	CONDUCTIVITY	0.399	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26B-TOP	SF26	TOP	7.5	5/8/2012 11:13	CONDUCTIVITY	0.712	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26C-TOP	SF26	TOP	12.5	5/8/2012 11:13	CONDUCTIVITY	0.714	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26D-TOP	SF26	TOP	17.5	5/8/2012 11:13	CONDUCTIVITY	0.714	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26E-TOP	SF26	TOP	22.5	5/8/2012 11:13	CONDUCTIVITY	0.715	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF27A-BOT	SF27	BOT	2.5	5/8/2012 11:45	CONDUCTIVITY	0.716	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27B-BOT	SF27	BOT	7.5	5/8/2012 11:45	CONDUCTIVITY	0.715	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27C-BOT	SF27	BOT	12.5	5/8/2012 11:45	CONDUCTIVITY	0.714	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27D-BOT	SF27	BOT	17.5	5/8/2012 11:45	CONDUCTIVITY	0.712	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27E-BOT	SF27	BOT	22.5	5/8/2012 11:45	CONDUCTIVITY	0.714	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27F-BOT	SF27	BOT	27.5	5/8/2012 11:45	CONDUCTIVITY	0.711	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field; a lot of organic matter on bottom
CDEOU4-120508-SF27A-TOP	SF27	TOP	2.5	5/8/2012 11:45	CONDUCTIVITY	0.711	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27B-TOP	SF27	TOP	7.5	5/8/2012 11:45	CONDUCTIVITY	0.714	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27C-TOP	SF27	TOP	12.5	5/8/2012 11:45	CONDUCTIVITY	0.714	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27D-TOP	SF27	TOP	17.5	5/8/2012 11:45	CONDUCTIVITY	0.711	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27E-TOP	SF27	TOP	22.5	5/8/2012 11:45	CONDUCTIVITY	0.71	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27F-TOP	SF27	TOP	27.5	5/8/2012 11:45	CONDUCTIVITY	0.709	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF28A-BOT	SF28	BOT	2.5	5/8/2012 11:58	CONDUCTIVITY	0.66	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF28B-BOT	SF28	BOT	7.5	5/8/2012 11:58	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28C-BOT	SF28	BOT	12.5	5/8/2012 11:58	CONDUCTIVITY	0.715	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28D-BOT	SF28	BOT	17.5	5/8/2012 11:58	CONDUCTIVITY	0.715	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28E-BOT	SF28	BOT	22.5	5/8/2012 11:58	CONDUCTIVITY	0.716	Horiba U52 - Field measurement collected 22.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28A-TOP	SF28	TOP	2.5	5/8/2012 11:58	CONDUCTIVITY	0.66	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF28B-TOP	SF28	TOP	7.5	5/8/2012 11:58	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28C-TOP	SF28	TOP	12.5	5/8/2012 11:58	CONDUCTIVITY	0.715	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28D-TOP	SF28	TOP	17.5	5/8/2012 11:58	CONDUCTIVITY	0.714	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28E-TOP	SF28	TOP	22.5	5/8/2012 11:58	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 22.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF29A-BOT	SF29	BOT	2.5	5/8/2012 0:08	CONDUCTIVITY	0.772	Horiba U52 - Field measurement collected 2.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29B-BOT	SF29	BOT	7.5	5/8/2012 0:08	CONDUCTIVITY	0.787	Horiba U52 - Field measurement collected 7.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29C-BOT	SF29	BOT	12.5	5/8/2012 0:08	CONDUCTIVITY	0.719	Horiba U52 - Field measurement collected 12.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29D-BOT	SF29	BOT	17.5	5/8/2012 0:08	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 17.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29A-TOP	SF29	TOP	2.5	5/8/2012 0:08	CONDUCTIVITY	0.774	Horiba U52 - Field measurement collected 2.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29B-TOP	SF29	TOP	7.5	5/8/2012 0:08	CONDUCTIVITY	0.78	Horiba U52 - Field measurement collected 7.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29C-TOP	SF29	TOP	12.5	5/8/2012 0:08	CONDUCTIVITY	0.711	Horiba U52 - Field measurement collected 12.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29D-TOP	SF29	TOP	17.5	5/8/2012 0:08	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 17.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF30A-BOT	SF30	BOT	2.5	5/8/2012 0:25	CONDUCTIVITY	0.745	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30B-BOT	SF30	BOT	7.5	5/8/2012 0:25	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30C-BOT	SF30	BOT	12.5	5/8/2012 0:25	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30D-BOT	SF30	BOT	17.5	5/8/2012 0:25	CONDUCTIVITY	0.706	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30A-TOP	SF30	TOP	2.5	5/8/2012 0:25	CONDUCTIVITY	0.743	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30B-TOP	SF30	TOP	7.5	5/8/2012 0:25	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30C-TOP	SF30	TOP	12.5	5/8/2012 0:25	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30D-TOP	SF30	TOP	17.5	5/8/2012 0:25	CONDUCTIVITY	0.706	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF31A-BOT	SF31	BOT	2.5	5/8/2012 2:02	CONDUCTIVITY	0.813	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31B-BOT	SF31	BOT	7.5	5/8/2012 2:02	CONDUCTIVITY	0.732	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31C-BOT	SF31	BOT	12.5	5/8/2012 2:02	CONDUCTIVITY		Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31D-BOT	SF31	BOT	17.5	5/8/2012 2:02	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31A-TOP	SF31	TOP	2.5	5/8/2012 2:02	CONDUCTIVITY	0.814	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31B-TOP	SF31	TOP	7.5	5/8/2012 2:02	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31C-TOP	SF31	TOP	12.5	5/8/2012 2:02	CONDUCTIVITY	0.717	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31D-TOP	SF31	TOP	17.5	5/8/2012 2:02	CONDUCTIVITY	0.712	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF32A-BOT	SF32	BOT	2.5	5/8/2012 2:17	CONDUCTIVITY	0.733	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32B-BOT	SF32	BOT	7.5	5/8/2012 2:17	CONDUCTIVITY	0.738	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32C-BOT	SF32	BOT	12.5	5/8/2012 2:17	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32D-BOT	SF32	BOT	17.5	5/8/2012 2:17	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32E-BOT	SF32	BOT	22.5	5/8/2012 2:17	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32F-BOT	SF32	BOT	27.5	5/8/2012 2:17	CONDUCTIVITY	0.719	Horiba U52 - Field measurement collected 27.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed - Up against A-side bank
CDEOU4-120508-SF32A-TOP	SF32	TOP	2.5	5/8/2012 2:17	CONDUCTIVITY	0.733	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32B-TOP	SF32	TOP	7.5	5/8/2012 2:17	CONDUCTIVITY	0.731	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32C-TOP	SF32	TOP	12.5	5/8/2012 2:17	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32D-TOP	SF32	TOP	17.5	5/8/2012 2:17	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32E-TOP	SF32	TOP	22.5	5/8/2012 2:17	CONDUCTIVITY	0.719	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32F-TOP	SF32	TOP	27.5	5/8/2012 2:17	CONDUCTIVITY	0.719	Horiba U52 - Field measurement collected 27.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed - Up against A-side bank
CDEOU4-120508-SF33A-BOT	SF33	BOT	2.5	5/8/2012 2:27	CONDUCTIVITY	0.74	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33B-BOT	SF33	BOT	7.5	5/8/2012 2:27	CONDUCTIVITY	0.732	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33C-BOT	SF33	BOT	12.5	5/8/2012 2:27	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33D-BOT	SF33	BOT	17.5	5/8/2012 2:27	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF33A-TOP	SF33	TOP	2.5	5/8/2012 2:27	CONDUCTIVITY	0.739	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33B-TOP	SF33	TOP	7.5	5/8/2012 2:27	CONDUCTIVITY	0.732	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33C-TOP	SF33	TOP	12.5	5/8/2012 2:27	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33D-TOP	SF33	TOP	17.5	5/8/2012 2:27	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF34A-BOT	SF34	BOT	2.5	5/8/2012 2:36	CONDUCTIVITY	0.732	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34B-BOT	SF34	BOT	7.5	5/8/2012 2:36	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34C-BOT	SF34	BOT	12.5	5/8/2012 2:36	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34D-BOT	SF34	BOT	17.5	5/8/2012 2:36	CONDUCTIVITY	0.716	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF34A-TOP	SF34	TOP	2.5	5/8/2012 2:36	CONDUCTIVITY	0.721	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34B-TOP	SF34	TOP	7.5	5/8/2012 2:36	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34C-TOP	SF34	TOP	12.5	5/8/2012 2:36	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34D-TOP	SF34	TOP	17.5	5/8/2012 2:36	CONDUCTIVITY	0.716	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF35A-BOT	SF35	BOT	2.5	5/8/2012 2:46	CONDUCTIVITY	0.733	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35B-BOT	SF35	BOT	7.5	5/8/2012 2:46	CONDUCTIVITY	0.732	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF35C-BOT	SF35	BOT	12.5	5/8/2012 2:46	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35D-BOT	SF35	BOT	17.5	5/8/2012 2:46	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35E-BOT	SF35	BOT	22.5	5/8/2012 2:46	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35F-BOT	SF35	BOT	27.5	5/8/2012 2:46	CONDUCTIVITY	0.724	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF35A-TOP	SF35	TOP	2.5	5/8/2012 2:46	CONDUCTIVITY	0.732	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35B-TOP	SF35	TOP	7.5	5/8/2012 2:46	CONDUCTIVITY	0.732	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35C-TOP	SF35	TOP	12.5	5/8/2012 2:46	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35D-TOP	SF35	TOP	17.5	5/8/2012 2:46	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35E-TOP	SF35	TOP	22.5	5/8/2012 2:46	CONDUCTIVITY	0.721	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35F-TOP	SF35	TOP	27.5	5/8/2012 2:46	CONDUCTIVITY	0.724	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36A-BOT	SF36	BOT	2.5	5/8/2012 2:58	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36B-BOT	SF36	BOT	7.5	5/8/2012 2:58	CONDUCTIVITY	0.731	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36C-BOT	SF36	BOT	12.5	5/8/2012 2:58	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36D-BOT	SF36	BOT	17.5	5/8/2012 2:58	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36E-BOT	SF36	BOT	22.5	5/8/2012 2:58	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36A-TOP	SF36	TOP	2.5	5/8/2012 2:58	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36B-TOP	SF36	TOP	7.5	5/8/2012 2:58	CONDUCTIVITY	0.731	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36C-TOP	SF36	TOP	12.5	5/8/2012 2:58	CONDUCTIVITY	0.724	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36D-TOP	SF36	TOP	17.5	5/8/2012 2:58	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36E-TOP	SF36	TOP	22.5	5/8/2012 2:58	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF37A-BOT	SF37	BOT	2.5	5/8/2012 3:05	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37B-BOT	SF37	BOT	7.5	5/8/2012 3:05	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37C-BOT	SF37	BOT	12.5	5/8/2012 3:05	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37D-BOT	SF37	BOT	17.5	5/8/2012 3:05	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37A-TOP	SF37	TOP	2.5	5/8/2012 3:05	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37B-TOP	SF37	TOP	7.5	5/8/2012 3:05	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37C-TOP	SF37	TOP	12.5	5/8/2012 3:05	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37D-TOP	SF37	TOP	17.5	5/8/2012 3:05	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF18A-BOT	SF18	BOT	2.5	5/8/2012 9:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18B-BOT	SF18	BOT	7.5	5/8/2012 9:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18C-BOT	SF18	BOT	12.5	5/8/2012 9:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18D-BOT	SF18	BOT	17.5	5/8/2012 9:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18A-TOP	SF18	TOP	2.5	5/8/2012 9:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18B-TOP	SF18	TOP	7.5	5/8/2012 9:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18C-TOP	SF18	TOP	12.5	5/8/2012 9:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18D-TOP	SF18	TOP	17.5	5/8/2012 9:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF19A-BOT	SF19	BOT	2.5	5/8/2012 9:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19B-BOT	SF19	BOT	7.5	5/8/2012 9:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19C-BOT	SF19	BOT	12.5	5/8/2012 9:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19D-BOT	SF19	BOT	17.5	5/8/2012 9:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19E-BOT	SF19	BOT	22.5	5/8/2012 9:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19F-BOT	SF19	BOT	27.5	5/8/2012 9:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 4" feet wide). Shallow Water: TOP sample equals BOTTOM sample - on bank, lots of leaves and organic matter
CDEOU4-120508-SF19A-TOP	SF19	TOP	2.5	5/8/2012 9:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19B-TOP	SF19	TOP	7.5	5/8/2012 9:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19C-TOP	SF19	TOP	12.5	5/8/2012 9:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19D-TOP	SF19	TOP	17.5	5/8/2012 9:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19E-TOP	SF19	TOP	22.5	5/8/2012 9:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19F-TOP	SF19	TOP	27.5	5/8/2012 9:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 4" feet wide). Shallow Water: TOP sample equals BOTTOM sample - on bank, lots of leaves and organic matter
CDEOU4-120508-SF20A-BOT	SF20	BOT	2.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20B-BOT	SF20	BOT	7.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20C-BOT	SF20	BOT	12.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20D-BOT	SF20	BOT	17.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20E-BOT	SF20	BOT	22.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20F-BOT	SF20	BOT	27.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20G-BOT	SF20	BOT	32.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 32.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20H-BOT	SF20	BOT	37.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 37.5 feet from left bank (38' 1" feet wide). Shallow water: TOP sample equals BOTTOM sample - on bank, sample taken in muck and leaves, with a lot of other organic matter
CDEOU4-120508-SF20A-TOP	SF20	TOP	2.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20B-TOP	SF20	TOP	7.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20C-TOP	SF20	TOP	12.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20D-TOP	SF20	TOP	17.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20E-TOP	SF20	TOP	22.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20F-TOP	SF20	TOP	27.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20G-TOP	SF20	TOP	32.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 32.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20H-TOP	SF20	TOP	37.5	5/8/2012 9:47	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 37.5 feet from left bank (38' 1" feet wide). Shallow water: TOP sample equals BOTTOM sample - on bank, sample taken in muck and leaves, with a lot of other organic matter
CDEOU4-120508-SF21A-BOT	SF21	BOT	2.5	5/8/2012 10:11	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21B-BOT	SF21	BOT	7.5	5/8/2012 10:11	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21C-BOT	SF21	BOT	12.5	5/8/2012 10:11	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21D-BOT	SF21	BOT	17.5	5/8/2012 10:11	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (26' feet wide). Bottom full of gravel and hardened debris - from construction site?
CDEOU4-120508-SF21E-BOT	SF21	BOT	22.5	5/8/2012 10:11	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21A-TOP	SF21	TOP	2.5	5/8/2012 10:11	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21B-TOP	SF21	TOP	7.5	5/8/2012 10:11	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21C-TOP	SF21	TOP	12.5	5/8/2012 10:11	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21D-TOP	SF21	TOP	17.5	5/8/2012 10:11	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21E-TOP	SF21	TOP	22.5	5/8/2012 10:11	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF22A-BOT	SF22	BOT	2.5	5/8/2012 10:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22B-BOT	SF22	BOT	7.5	5/8/2012 10:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22C-BOT	SF22	BOT	12.5	5/8/2012 10:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22D-BOT	SF22	BOT	17.5	5/8/2012 10:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22E-BOT	SF22	BOT	22.5	5/8/2012 10:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22A-TOP	SF22	TOP	2.5	5/8/2012 10:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22B-TOP	SF22	TOP	7.5	5/8/2012 10:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 4" feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF22C-TOP	SF22	TOP	12.5	5/8/2012 10:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22D-TOP	SF22	TOP	17.5	5/8/2012 10:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22E-TOP	SF22	TOP	22.5	5/8/2012 10:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF23A-BOT	SF23	BOT	2.5	5/8/2012 10:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23B-BOT	SF23	BOT	7.5	5/8/2012 10:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23C-BOT	SF23	BOT	12.5	5/8/2012 10:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23D-BOT	SF23	BOT	17.5	5/8/2012 10:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108 - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF23A-TOP	SF23	TOP	2.5	5/8/2012 10:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23B-TOP	SF23	TOP	7.5	5/8/2012 10:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23C-TOP	SF23	TOP	12.5	5/8/2012 10:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23D-TOP	SF23	TOP	17.5	5/8/2012 10:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108 - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF25A-BOT	SF25	BOT	2.5	5/8/2012 10:56	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25B-BOT	SF25	BOT	7.5	5/8/2012 10:56	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25C-BOT	SF25	BOT	12.5	5/8/2012 10:56	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25D-BOT	SF25	BOT	17.5	5/8/2012 10:56	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25E-BOT	SF25	BOT	22.5	5/8/2012 10:56	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed (Very rocky)
CDEOU4-120508-SF25F-BOT	SF25	BOT	27.5	5/8/2012 10:56	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed: Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF25A-TOP	SF25	TOP	2.5	5/8/2012 10:56	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25B-TOP	SF25	TOP	7.5	5/8/2012 10:56	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25C-TOP	SF25	TOP	12.5	5/8/2012 10:56	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25D-TOP	SF25	TOP	17.5	5/8/2012 10:56	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25E-TOP	SF25	TOP	22.5	5/8/2012 10:56	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25F-TOP	SF25	TOP	27.5	5/8/2012 10:56	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed: Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26A-BOT	SF26	BOT	2.5	5/8/2012 11:13	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26B-BOT	SF26	BOT	7.5	5/8/2012 11:13	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26C-BOT	SF26	BOT	12.5	5/8/2012 11:13	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26D-BOT	SF26	BOT	17.5	5/8/2012 11:13	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26E-BOT	SF26	BOT	22.5	5/8/2012 11:13	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26A-TOP	SF26	TOP	2.5	5/8/2012 11:13	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26B-TOP	SF26	TOP	7.5	5/8/2012 11:13	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26C-TOP	SF26	TOP	12.5	5/8/2012 11:13	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26D-TOP	SF26	TOP	17.5	5/8/2012 11:13	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26E-TOP	SF26	TOP	22.5	5/8/2012 11:13	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF27A-BOT	SF27	BOT	2.5	5/8/2012 11:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27B-BOT	SF27	BOT	7.5	5/8/2012 11:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27C-BOT	SF27	BOT	12.5	5/8/2012 11:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27D-BOT	SF27	BOT	17.5	5/8/2012 11:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27E-BOT	SF27	BOT	22.5	5/8/2012 11:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27F-BOT	SF27	BOT	27.5	5/8/2012 11:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field; a lot of organic matter on bottom
CDEOU4-120508-SF27A-TOP	SF27	TOP	2.5	5/8/2012 11:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27B-TOP	SF27	TOP	7.5	5/8/2012 11:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27C-TOP	SF27	TOP	12.5	5/8/2012 11:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27D-TOP	SF27	TOP	17.5	5/8/2012 11:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27E-TOP	SF27	TOP	22.5	5/8/2012 11:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27F-TOP	SF27	TOP	27.5	5/8/2012 11:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF28A-BOT	SF28	BOT	2.5	5/8/2012 11:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF28B-BOT	SF28	BOT	7.5	5/8/2012 11:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28C-BOT	SF28	BOT	12.5	5/8/2012 11:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28D-BOT	SF28	BOT	17.5	5/8/2012 11:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28E-BOT	SF28	BOT	22.5	5/8/2012 11:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28A-TOP	SF28	TOP	2.5	5/8/2012 11:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF28B-TOP	SF28	TOP	7.5	5/8/2012 11:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28C-TOP	SF28	TOP	12.5	5/8/2012 11:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28D-TOP	SF28	TOP	17.5	5/8/2012 11:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28E-TOP	SF28	TOP	22.5	5/8/2012 11:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF29A-BOT	SF29	BOT	2.5	5/8/2012 0:08	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29B-BOT	SF29	BOT	7.5	5/8/2012 0:08	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29C-BOT	SF29	BOT	12.5	5/8/2012 0:08	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29D-BOT	SF29	BOT	17.5	5/8/2012 0:08	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29A-TOP	SF29	TOP	2.5	5/8/2012 0:08	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29B-TOP	SF29	TOP	7.5	5/8/2012 0:08	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29C-TOP	SF29	TOP	12.5	5/8/2012 0:08	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29D-TOP	SF29	TOP	17.5	5/8/2012 0:08	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF30A-BOT	SF30	BOT	2.5	5/8/2012 0:25	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30B-BOT	SF30	BOT	7.5	5/8/2012 0:25	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30C-BOT	SF30	BOT	12.5	5/8/2012 0:25	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30D-BOT	SF30	BOT	17.5	5/8/2012 0:25	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30A-TOP	SF30	TOP	2.5	5/8/2012 0:25	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30B-TOP	SF30	TOP	7.5	5/8/2012 0:25	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30C-TOP	SF30	TOP	12.5	5/8/2012 0:25	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30D-TOP	SF30	TOP	17.5	5/8/2012 0:25	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF31A-BOT	SF31	BOT	2.5	5/8/2012 2:02	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31B-BOT	SF31	BOT	7.5	5/8/2012 2:02	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31C-BOT	SF31	BOT	12.5	5/8/2012 2:02	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31D-BOT	SF31	BOT	17.5	5/8/2012 2:02	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31A-TOP	SF31	TOP	2.5	5/8/2012 2:02	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31B-TOP	SF31	TOP	7.5	5/8/2012 2:02	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31C-TOP	SF31	TOP	12.5	5/8/2012 2:02	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31D-TOP	SF31	TOP	17.5	5/8/2012 2:02	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF32A-BOT	SF32	BOT	2.5	5/8/2012 2:17	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32B-BOT	SF32	BOT	7.5	5/8/2012 2:17	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF32C-BOT	SF32	BOT	12.5	5/8/2012 2:17	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32D-BOT	SF32	BOT	17.5	5/8/2012 2:17	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32E-BOT	SF32	BOT	22.5	5/8/2012 2:17	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32F-BOT	SF32	BOT	27.5	5/8/2012 2:17	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed - Up against A-side bank
CDEOU4-120508-SF32A-TOP	SF32	TOP	2.5	5/8/2012 2:17	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32B-TOP	SF32	TOP	7.5	5/8/2012 2:17	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32C-TOP	SF32	TOP	12.5	5/8/2012 2:17	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32D-TOP	SF32	TOP	17.5	5/8/2012 2:17	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32E-TOP	SF32	TOP	22.5	5/8/2012 2:17	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32F-TOP	SF32	TOP	27.5	5/8/2012 2:17	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed - Up against A-side bank
CDEOU4-120508-SF33A-BOT	SF33	BOT	2.5	5/8/2012 2:27	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33B-BOT	SF33	BOT	7.5	5/8/2012 2:27	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33C-BOT	SF33	BOT	12.5	5/8/2012 2:27	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33D-BOT	SF33	BOT	17.5	5/8/2012 2:27	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF33A-TOP	SF33	TOP	2.5	5/8/2012 2:27	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33B-TOP	SF33	TOP	7.5	5/8/2012 2:27	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33C-TOP	SF33	TOP	12.5	5/8/2012 2:27	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33D-TOP	SF33	TOP	17.5	5/8/2012 2:27	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF34A-BOT	SF34	BOT	2.5	5/8/2012 2:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34B-BOT	SF34	BOT	7.5	5/8/2012 2:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34C-BOT	SF34	BOT	12.5	5/8/2012 2:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34D-BOT	SF34	BOT	17.5	5/8/2012 2:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF34A-TOP	SF34	TOP	2.5	5/8/2012 2:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34B-TOP	SF34	TOP	7.5	5/8/2012 2:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34C-TOP	SF34	TOP	12.5	5/8/2012 2:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34D-TOP	SF34	TOP	17.5	5/8/2012 2:36	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF35A-BOT	SF35	BOT	2.5	5/8/2012 2:46	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35B-BOT	SF35	BOT	7.5	5/8/2012 2:46	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35C-BOT	SF35	BOT	12.5	5/8/2012 2:46	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35D-BOT	SF35	BOT	17.5	5/8/2012 2:46	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35E-BOT	SF35	BOT	22.5	5/8/2012 2:46	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35F-BOT	SF35	BOT	27.5	5/8/2012 2:46	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF35A-TOP	SF35	TOP	2.5	5/8/2012 2:46	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35B-TOP	SF35	TOP	7.5	5/8/2012 2:46	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35C-TOP	SF35	TOP	12.5	5/8/2012 2:46	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35D-TOP	SF35	TOP	17.5	5/8/2012 2:46	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35E-TOP	SF35	TOP	22.5	5/8/2012 2:46	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35F-TOP	SF35	TOP	27.5	5/8/2012 2:46	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36A-BOT	SF36	BOT	2.5	5/8/2012 2:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36B-BOT	SF36	BOT	7.5	5/8/2012 2:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36C-BOT	SF36	BOT	12.5	5/8/2012 2:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36D-BOT	SF36	BOT	17.5	5/8/2012 2:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36E-BOT	SF36	BOT	22.5	5/8/2012 2:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36A-TOP	SF36	TOP	2.5	5/8/2012 2:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36B-TOP	SF36	TOP	7.5	5/8/2012 2:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36C-TOP	SF36	TOP	12.5	5/8/2012 2:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36D-TOP	SF36	TOP	17.5	5/8/2012 2:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36E-TOP	SF36	TOP	22.5	5/8/2012 2:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF37A-BOT	SF37	BOT	2.5	5/8/2012 3:05	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37B-BOT	SF37	BOT	7.5	5/8/2012 3:05	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37C-BOT	SF37	BOT	12.5	5/8/2012 3:05	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37D-BOT	SF37	BOT	17.5	5/8/2012 3:05	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37A-TOP	SF37	TOP	2.5	5/8/2012 3:05	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37B-TOP	SF37	TOP	7.5	5/8/2012 3:05	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37C-TOP	SF37	TOP	12.5	5/8/2012 3:05	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37D-TOP	SF37	TOP	17.5	5/8/2012 3:05	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF18A-BOT	SF18	BOT	2.5	5/8/2012 9:15	OXIDATION-REDUCTION POTENTIAL	34	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18B-BOT	SF18	BOT	7.5	5/8/2012 9:15	OXIDATION-REDUCTION POTENTIAL	68	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18C-BOT	SF18	BOT	12.5	5/8/2012 9:15	OXIDATION-REDUCTION POTENTIAL	78	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18D-BOT	SF18	BOT	17.5	5/8/2012 9:15	OXIDATION-REDUCTION POTENTIAL	82	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18A-TOP	SF18	TOP	2.5	5/8/2012 9:15	OXIDATION-REDUCTION POTENTIAL	88	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18B-TOP	SF18	TOP	7.5	5/8/2012 9:15	OXIDATION-REDUCTION POTENTIAL	56	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18C-TOP	SF18	TOP	12.5	5/8/2012 9:15	OXIDATION-REDUCTION POTENTIAL	73	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18D-TOP	SF18	TOP	17.5	5/8/2012 9:15	OXIDATION-REDUCTION POTENTIAL	78	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF19A-BOT	SF19	BOT	2.5	5/8/2012 9:33	OXIDATION-REDUCTION POTENTIAL	76	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19B-BOT	SF19	BOT	7.5	5/8/2012 9:33	OXIDATION-REDUCTION POTENTIAL	77	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19C-BOT	SF19	BOT	12.5	5/8/2012 9:33	OXIDATION-REDUCTION POTENTIAL	77	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19D-BOT	SF19	BOT	17.5	5/8/2012 9:33	OXIDATION-REDUCTION POTENTIAL	78	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19E-BOT	SF19	BOT	22.5	5/8/2012 9:33	OXIDATION-REDUCTION POTENTIAL	72	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19F-BOT	SF19	BOT	27.5	5/8/2012 9:33	OXIDATION-REDUCTION POTENTIAL	-14	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 4" feet wide). Shallow Water: TOP sample equals BOTTOM sample - on bank, lots of leaves and organic matter
CDEOU4-120508-SF19A-TOP	SF19	TOP	2.5	5/8/2012 9:33	OXIDATION-REDUCTION POTENTIAL	74	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19B-TOP	SF19	TOP	7.5	5/8/2012 9:33	OXIDATION-REDUCTION POTENTIAL	74	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19C-TOP	SF19	TOP	12.5	5/8/2012 9:33	OXIDATION-REDUCTION POTENTIAL	75	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19D-TOP	SF19	TOP	17.5	5/8/2012 9:33	OXIDATION-REDUCTION POTENTIAL	73	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19E-TOP	SF19	TOP	22.5	5/8/2012 9:33	OXIDATION-REDUCTION POTENTIAL	77	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19F-TOP	SF19	TOP	27.5	5/8/2012 9:33	OXIDATION-REDUCTION POTENTIAL	-14	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 4" feet wide). Shallow Water: TOP sample equals BOTTOM sample - on bank, lots of leaves and organic matter
CDEOU4-120508-SF20A-BOT	SF20	BOT	2.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	44	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20B-BOT	SF20	BOT	7.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	52	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20C-BOT	SF20	BOT	12.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	61	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20D-BOT	SF20	BOT	17.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	63	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20E-BOT	SF20	BOT	22.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	56	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' 1" feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF20F-BOT	SF20	BOT	27.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	32	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20G-BOT	SF20	BOT	32.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	41	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20H-BOT	SF20	BOT	37.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	-20	Horiba U52 - Field measurement collected 37.5 feet from left bank (38' 1" feet wide). Shallow water: TOP sample equals BOTTOM sample - on bank, sample taken in muck and leaves, with a lot of other organic matter
CDEOU4-120508-SF20A-TOP	SF20	TOP	2.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	42	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20B-TOP	SF20	TOP	7.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	46	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20C-TOP	SF20	TOP	12.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	50	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20D-TOP	SF20	TOP	17.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	60	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20E-TOP	SF20	TOP	22.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	60	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20F-TOP	SF20	TOP	27.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	36	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20G-TOP	SF20	TOP	32.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	31	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20H-TOP	SF20	TOP	37.5	5/8/2012 9:47	OXIDATION-REDUCTION POTENTIAL	-20	Horiba U52 - Field measurement collected 37.5 feet from left bank (38' 1" feet wide). Shallow water: TOP sample equals BOTTOM sample - on bank, sample taken in muck and leaves, with a lot of other organic matter
CDEOU4-120508-SF21A-BOT	SF21	BOT	2.5	5/8/2012 10:11	OXIDATION-REDUCTION POTENTIAL	48	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21B-BOT	SF21	BOT	7.5	5/8/2012 10:11	OXIDATION-REDUCTION POTENTIAL	54	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21C-BOT	SF21	BOT	12.5	5/8/2012 10:11	OXIDATION-REDUCTION POTENTIAL	63	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21D-BOT	SF21	BOT	17.5	5/8/2012 10:11	OXIDATION-REDUCTION POTENTIAL	65	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' feet wide). Bottom full of gravel and hardened debris - from construction site?
CDEOU4-120508-SF21E-BOT	SF21	BOT	22.5	5/8/2012 10:11	OXIDATION-REDUCTION POTENTIAL	67	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21A-TOP	SF21	TOP	2.5	5/8/2012 10:11	OXIDATION-REDUCTION POTENTIAL	42	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21B-TOP	SF21	TOP	7.5	5/8/2012 10:11	OXIDATION-REDUCTION POTENTIAL	45	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21C-TOP	SF21	TOP	12.5	5/8/2012 10:11	OXIDATION-REDUCTION POTENTIAL	55	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21D-TOP	SF21	TOP	17.5	5/8/2012 10:11	OXIDATION-REDUCTION POTENTIAL	61	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21E-TOP	SF21	TOP	22.5	5/8/2012 10:11	OXIDATION-REDUCTION POTENTIAL	62	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF22A-BOT	SF22	BOT	2.5	5/8/2012 10:26	OXIDATION-REDUCTION POTENTIAL	73	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22B-BOT	SF22	BOT	7.5	5/8/2012 10:26	OXIDATION-REDUCTION POTENTIAL	74	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22C-BOT	SF22	BOT	12.5	5/8/2012 10:26	OXIDATION-REDUCTION POTENTIAL	75	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22D-BOT	SF22	BOT	17.5	5/8/2012 10:26	OXIDATION-REDUCTION POTENTIAL	77	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22E-BOT	SF22	BOT	22.5	5/8/2012 10:26	OXIDATION-REDUCTION POTENTIAL	68	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22A-TOP	SF22	TOP	2.5	5/8/2012 10:26	OXIDATION-REDUCTION POTENTIAL	69	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22B-TOP	SF22	TOP	7.5	5/8/2012 10:26	OXIDATION-REDUCTION POTENTIAL	71	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22C-TOP	SF22	TOP	12.5	5/8/2012 10:26	OXIDATION-REDUCTION POTENTIAL	72	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22D-TOP	SF22	TOP	17.5	5/8/2012 10:26	OXIDATION-REDUCTION POTENTIAL	75	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22E-TOP	SF22	TOP	22.5	5/8/2012 10:26	OXIDATION-REDUCTION POTENTIAL	65	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF23A-BOT	SF23	BOT	2.5	5/8/2012 10:36	OXIDATION-REDUCTION POTENTIAL	67	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23B-BOT	SF23	BOT	7.5	5/8/2012 10:36	OXIDATION-REDUCTION POTENTIAL	74	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23C-BOT	SF23	BOT	12.5	5/8/2012 10:36	OXIDATION-REDUCTION POTENTIAL	76	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23D-BOT	SF23	BOT	17.5	5/8/2012 10:36	OXIDATION-REDUCTION POTENTIAL	65	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108 - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF23A-TOP	SF23	TOP	2.5	5/8/2012 10:36	OXIDATION-REDUCTION POTENTIAL	64	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23B-TOP	SF23	TOP	7.5	5/8/2012 10:36	OXIDATION-REDUCTION POTENTIAL	68	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23C-TOP	SF23	TOP	12.5	5/8/2012 10:36	OXIDATION-REDUCTION POTENTIAL	73	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23D-TOP	SF23	TOP	17.5	5/8/2012 10:36	OXIDATION-REDUCTION POTENTIAL	65	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108 - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF25A-BOT	SF25	BOT	2.5	5/8/2012 10:56	OXIDATION-REDUCTION POTENTIAL	81	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25B-BOT	SF25	BOT	7.5	5/8/2012 10:56	OXIDATION-REDUCTION POTENTIAL	85	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25C-BOT	SF25	BOT	12.5	5/8/2012 10:56	OXIDATION-REDUCTION POTENTIAL	88	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25D-BOT	SF25	BOT	17.5	5/8/2012 10:56	OXIDATION-REDUCTION POTENTIAL	85	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25E-BOT	SF25	BOT	22.5	5/8/2012 10:56	OXIDATION-REDUCTION POTENTIAL	85	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed (Very rocky)
CDEOU4-120508-SF25F-BOT	SF25	BOT	27.5	5/8/2012 10:56	OXIDATION-REDUCTION POTENTIAL	79	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed: Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF25A-TOP	SF25	TOP	2.5	5/8/2012 10:56	OXIDATION-REDUCTION POTENTIAL	78	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25B-TOP	SF25	TOP	7.5	5/8/2012 10:56	OXIDATION-REDUCTION POTENTIAL	79	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25C-TOP	SF25	TOP	12.5	5/8/2012 10:56	OXIDATION-REDUCTION POTENTIAL	84	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25D-TOP	SF25	TOP	17.5	5/8/2012 10:56	OXIDATION-REDUCTION POTENTIAL	84	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25E-TOP	SF25	TOP	22.5	5/8/2012 10:56	OXIDATION-REDUCTION POTENTIAL	84	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25F-TOP	SF25	TOP	27.5	5/8/2012 10:56	OXIDATION-REDUCTION POTENTIAL	79	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed: Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26A-BOT	SF26	BOT	2.5	5/8/2012 11:13	OXIDATION-REDUCTION POTENTIAL	80	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26B-BOT	SF26	BOT	7.5	5/8/2012 11:13	OXIDATION-REDUCTION POTENTIAL	93	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26C-BOT	SF26	BOT	12.5	5/8/2012 11:13	OXIDATION-REDUCTION POTENTIAL	94	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26D-BOT	SF26	BOT	17.5	5/8/2012 11:13	OXIDATION-REDUCTION POTENTIAL	87	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26E-BOT	SF26	BOT	22.5	5/8/2012 11:13	OXIDATION-REDUCTION POTENTIAL	89	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26A-TOP	SF26	TOP	2.5	5/8/2012 11:13	OXIDATION-REDUCTION POTENTIAL	80	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26B-TOP	SF26	TOP	7.5	5/8/2012 11:13	OXIDATION-REDUCTION POTENTIAL	92	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26C-TOP	SF26	TOP	12.5	5/8/2012 11:13	OXIDATION-REDUCTION POTENTIAL	93	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26D-TOP	SF26	TOP	17.5	5/8/2012 11:13	OXIDATION-REDUCTION POTENTIAL	83	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26E-TOP	SF26	TOP	22.5	5/8/2012 11:13	OXIDATION-REDUCTION POTENTIAL	81	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF27A-BOT	SF27	BOT	2.5	5/8/2012 11:45	OXIDATION-REDUCTION POTENTIAL	69	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27B-BOT	SF27	BOT	7.5	5/8/2012 11:45	OXIDATION-REDUCTION POTENTIAL	73	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27C-BOT	SF27	BOT	12.5	5/8/2012 11:45	OXIDATION-REDUCTION POTENTIAL	77	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27D-BOT	SF27	BOT	17.5	5/8/2012 11:45	OXIDATION-REDUCTION POTENTIAL	81	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27E-BOT	SF27	BOT	22.5	5/8/2012 11:45	OXIDATION-REDUCTION POTENTIAL	88	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27F-BOT	SF27	BOT	27.5	5/8/2012 11:45	OXIDATION-REDUCTION POTENTIAL	70	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field; a lot of organic matter on bottom
CDEOU4-120508-SF27A-TOP	SF27	TOP	2.5	5/8/2012 11:45	OXIDATION-REDUCTION POTENTIAL	68	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27B-TOP	SF27	TOP	7.5	5/8/2012 11:45	OXIDATION-REDUCTION POTENTIAL	66	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27C-TOP	SF27	TOP	12.5	5/8/2012 11:45	OXIDATION-REDUCTION POTENTIAL	62	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27D-TOP	SF27	TOP	17.5	5/8/2012 11:45	OXIDATION-REDUCTION POTENTIAL	77	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27E-TOP	SF27	TOP	22.5	5/8/2012 11:45	OXIDATION-REDUCTION POTENTIAL	79	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27F-TOP	SF27	TOP	27.5	5/8/2012 11:45	OXIDATION-REDUCTION POTENTIAL	76	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF28A-BOT	SF28	BOT	2.5	5/8/2012 11:58	OXIDATION-REDUCTION POTENTIAL	74	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF28B-BOT	SF28	BOT	7.5	5/8/2012 11:58	OXIDATION-REDUCTION POTENTIAL	83	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28C-BOT	SF28	BOT	12.5	5/8/2012 11:58	OXIDATION-REDUCTION POTENTIAL	86	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28D-BOT	SF28	BOT	17.5	5/8/2012 11:58	OXIDATION-REDUCTION POTENTIAL	86	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28E-BOT	SF28	BOT	22.5	5/8/2012 11:58	OXIDATION-REDUCTION POTENTIAL	80	Horiba U52 - Field measurement collected 22.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28A-TOP	SF28	TOP	2.5	5/8/2012 11:58	OXIDATION-REDUCTION POTENTIAL	74	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF28B-TOP	SF28	TOP	7.5	5/8/2012 11:58	OXIDATION-REDUCTION POTENTIAL	77	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28C-TOP	SF28	TOP	12.5	5/8/2012 11:58	OXIDATION-REDUCTION POTENTIAL	80	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF28D-TOP	SF28	TOP	17.5	5/8/2012 11:58	OXIDATION-REDUCTION POTENTIAL	78	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28E-TOP	SF28	TOP	22.5	5/8/2012 11:58	OXIDATION-REDUCTION POTENTIAL	75	Horiba U52 - Field measurement collected 22.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF29A-BOT	SF29	BOT	2.5	5/8/2012 0:08	OXIDATION-REDUCTION POTENTIAL	87	Horiba U52 - Field measurement collected 2.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29B-BOT	SF29	BOT	7.5	5/8/2012 0:08	OXIDATION-REDUCTION POTENTIAL	88	Horiba U52 - Field measurement collected 7.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29C-BOT	SF29	BOT	12.5	5/8/2012 0:08	OXIDATION-REDUCTION POTENTIAL	93	Horiba U52 - Field measurement collected 12.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29D-BOT	SF29	BOT	17.5	5/8/2012 0:08	OXIDATION-REDUCTION POTENTIAL	92	Horiba U52 - Field measurement collected 17.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29A-TOP	SF29	TOP	2.5	5/8/2012 0:08	OXIDATION-REDUCTION POTENTIAL	85	Horiba U52 - Field measurement collected 2.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29B-TOP	SF29	TOP	7.5	5/8/2012 0:08	OXIDATION-REDUCTION POTENTIAL	81	Horiba U52 - Field measurement collected 7.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29C-TOP	SF29	TOP	12.5	5/8/2012 0:08	OXIDATION-REDUCTION POTENTIAL	88	Horiba U52 - Field measurement collected 12.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29D-TOP	SF29	TOP	17.5	5/8/2012 0:08	OXIDATION-REDUCTION POTENTIAL	83	Horiba U52 - Field measurement collected 17.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF30A-BOT	SF30	BOT	2.5	5/8/2012 0:25	OXIDATION-REDUCTION POTENTIAL	101	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30B-BOT	SF30	BOT	7.5	5/8/2012 0:25	OXIDATION-REDUCTION POTENTIAL	103	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30C-BOT	SF30	BOT	12.5	5/8/2012 0:25	OXIDATION-REDUCTION POTENTIAL	99	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30D-BOT	SF30	BOT	17.5	5/8/2012 0:25	OXIDATION-REDUCTION POTENTIAL	94	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30A-TOP	SF30	TOP	2.5	5/8/2012 0:25	OXIDATION-REDUCTION POTENTIAL	93	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30B-TOP	SF30	TOP	7.5	5/8/2012 0:25	OXIDATION-REDUCTION POTENTIAL	101	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30C-TOP	SF30	TOP	12.5	5/8/2012 0:25	OXIDATION-REDUCTION POTENTIAL	99	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30D-TOP	SF30	TOP	17.5	5/8/2012 0:25	OXIDATION-REDUCTION POTENTIAL	94	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF31A-BOT	SF31	BOT	2.5	5/8/2012 2:02	OXIDATION-REDUCTION POTENTIAL	118	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31B-BOT	SF31	BOT	7.5	5/8/2012 2:02	OXIDATION-REDUCTION POTENTIAL	125	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31C-BOT	SF31	BOT	12.5	5/8/2012 2:02	OXIDATION-REDUCTION POTENTIAL	129	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31D-BOT	SF31	BOT	17.5	5/8/2012 2:02	OXIDATION-REDUCTION POTENTIAL	131	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31A-TOP	SF31	TOP	2.5	5/8/2012 2:02	OXIDATION-REDUCTION POTENTIAL	118	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31B-TOP	SF31	TOP	7.5	5/8/2012 2:02	OXIDATION-REDUCTION POTENTIAL	123	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31C-TOP	SF31	TOP	12.5	5/8/2012 2:02	OXIDATION-REDUCTION POTENTIAL	129	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31D-TOP	SF31	TOP	17.5	5/8/2012 2:02	OXIDATION-REDUCTION POTENTIAL	128	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF32A-BOT	SF32	BOT	2.5	5/8/2012 2:17	OXIDATION-REDUCTION POTENTIAL	123	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32B-BOT	SF32	BOT	7.5	5/8/2012 2:17	OXIDATION-REDUCTION POTENTIAL	127	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32C-BOT	SF32	BOT	12.5	5/8/2012 2:17	OXIDATION-REDUCTION POTENTIAL	128	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32D-BOT	SF32	BOT	17.5	5/8/2012 2:17	OXIDATION-REDUCTION POTENTIAL	128	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32E-BOT	SF32	BOT	22.5	5/8/2012 2:17	OXIDATION-REDUCTION POTENTIAL	126	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32F-BOT	SF32	BOT	27.5	5/8/2012 2:17	OXIDATION-REDUCTION POTENTIAL	104	Horiba U52 - Field measurement collected 27.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed - Up against A-side bank
CDEOU4-120508-SF32A-TOP	SF32	TOP	2.5	5/8/2012 2:17	OXIDATION-REDUCTION POTENTIAL	119	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32B-TOP	SF32	TOP	7.5	5/8/2012 2:17	OXIDATION-REDUCTION POTENTIAL	124	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32C-TOP	SF32	TOP	12.5	5/8/2012 2:17	OXIDATION-REDUCTION POTENTIAL	124	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32D-TOP	SF32	TOP	17.5	5/8/2012 2:17	OXIDATION-REDUCTION POTENTIAL	124	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32E-TOP	SF32	TOP	22.5	5/8/2012 2:17	OXIDATION-REDUCTION POTENTIAL	120	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32F-TOP	SF32	TOP	27.5	5/8/2012 2:17	OXIDATION-REDUCTION POTENTIAL	106	Horiba U52 - Field measurement collected 27.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed - Up against A-side bank
CDEOU4-120508-SF33A-BOT	SF33	BOT	2.5	5/8/2012 2:27	OXIDATION-REDUCTION POTENTIAL	94	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33B-BOT	SF33	BOT	7.5	5/8/2012 2:27	OXIDATION-REDUCTION POTENTIAL	98	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33C-BOT	SF33	BOT	12.5	5/8/2012 2:27	OXIDATION-REDUCTION POTENTIAL	101	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33D-BOT	SF33	BOT	17.5	5/8/2012 2:27	OXIDATION-REDUCTION POTENTIAL	97	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF33A-TOP	SF33	TOP	2.5	5/8/2012 2:27	OXIDATION-REDUCTION POTENTIAL	91	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33B-TOP	SF33	TOP	7.5	5/8/2012 2:27	OXIDATION-REDUCTION POTENTIAL	92	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33C-TOP	SF33	TOP	12.5	5/8/2012 2:27	OXIDATION-REDUCTION POTENTIAL	97	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33D-TOP	SF33	TOP	17.5	5/8/2012 2:27	OXIDATION-REDUCTION POTENTIAL	97	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF34A-BOT	SF34	BOT	2.5	5/8/2012 2:36	OXIDATION-REDUCTION POTENTIAL	102	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34B-BOT	SF34	BOT	7.5	5/8/2012 2:36	OXIDATION-REDUCTION POTENTIAL	104	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34C-BOT	SF34	BOT	12.5	5/8/2012 2:36	OXIDATION-REDUCTION POTENTIAL	104	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34D-BOT	SF34	BOT	17.5	5/8/2012 2:36	OXIDATION-REDUCTION POTENTIAL	99	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF34A-TOP	SF34	TOP	2.5	5/8/2012 2:36	OXIDATION-REDUCTION POTENTIAL	102	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34B-TOP	SF34	TOP	7.5	5/8/2012 2:36	OXIDATION-REDUCTION POTENTIAL	98	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34C-TOP	SF34	TOP	12.5	5/8/2012 2:36	OXIDATION-REDUCTION POTENTIAL	100	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34D-TOP	SF34	TOP	17.5	5/8/2012 2:36	OXIDATION-REDUCTION POTENTIAL	99	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF35A-BOT	SF35	BOT	2.5	5/8/2012 2:46	OXIDATION-REDUCTION POTENTIAL	107	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35B-BOT	SF35	BOT	7.5	5/8/2012 2:46	OXIDATION-REDUCTION POTENTIAL	104	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35C-BOT	SF35	BOT	12.5	5/8/2012 2:46	OXIDATION-REDUCTION POTENTIAL	109	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35D-BOT	SF35	BOT	17.5	5/8/2012 2:46	OXIDATION-REDUCTION POTENTIAL	109	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35E-BOT	SF35	BOT	22.5	5/8/2012 2:46	OXIDATION-REDUCTION POTENTIAL	109	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35F-BOT	SF35	BOT	27.5	5/8/2012 2:46	OXIDATION-REDUCTION POTENTIAL	100	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF35A-TOP	SF35	TOP	2.5	5/8/2012 2:46	OXIDATION-REDUCTION POTENTIAL	104	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35B-TOP	SF35	TOP	7.5	5/8/2012 2:46	OXIDATION-REDUCTION POTENTIAL	107	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35C-TOP	SF35	TOP	12.5	5/8/2012 2:46	OXIDATION-REDUCTION POTENTIAL	106	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35D-TOP	SF35	TOP	17.5	5/8/2012 2:46	OXIDATION-REDUCTION POTENTIAL	105	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35E-TOP	SF35	TOP	22.5	5/8/2012 2:46	OXIDATION-REDUCTION POTENTIAL	106	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35F-TOP	SF35	TOP	27.5	5/8/2012 2:46	OXIDATION-REDUCTION POTENTIAL	100	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36A-BOT	SF36	BOT	2.5	5/8/2012 2:58	OXIDATION-REDUCTION POTENTIAL	104	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36B-BOT	SF36	BOT	7.5	5/8/2012 2:58	OXIDATION-REDUCTION POTENTIAL	106	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36C-BOT	SF36	BOT	12.5	5/8/2012 2:58	OXIDATION-REDUCTION POTENTIAL	110	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36D-BOT	SF36	BOT	17.5	5/8/2012 2:58	OXIDATION-REDUCTION POTENTIAL	112	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36E-BOT	SF36	BOT	22.5	5/8/2012 2:58	OXIDATION-REDUCTION POTENTIAL	111	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36A-TOP	SF36	TOP	2.5	5/8/2012 2:58	OXIDATION-REDUCTION POTENTIAL	104	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36B-TOP	SF36	TOP	7.5	5/8/2012 2:58	OXIDATION-REDUCTION POTENTIAL	106	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36C-TOP	SF36	TOP	12.5	5/8/2012 2:58	OXIDATION-REDUCTION POTENTIAL	106	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36D-TOP	SF36	TOP	17.5	5/8/2012 2:58	OXIDATION-REDUCTION POTENTIAL	110	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36E-TOP	SF36	TOP	22.5	5/8/2012 2:58	OXIDATION-REDUCTION POTENTIAL	109	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF37A-BOT	SF37	BOT	2.5	5/8/2012 3:05	OXIDATION-REDUCTION POTENTIAL	107	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37B-BOT	SF37	BOT	7.5	5/8/2012 3:05	OXIDATION-REDUCTION POTENTIAL	112	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37C-BOT	SF37	BOT	12.5	5/8/2012 3:05	OXIDATION-REDUCTION POTENTIAL	115	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37D-BOT	SF37	BOT	17.5	5/8/2012 3:05	OXIDATION-REDUCTION POTENTIAL	110	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37A-TOP	SF37	TOP	2.5	5/8/2012 3:05	OXIDATION-REDUCTION POTENTIAL	107	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF37B-TOP	SF37	TOP	7.5	5/8/2012 3:05	OXIDATION-REDUCTION POTENTIAL	112	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37C-TOP	SF37	TOP	12.5	5/8/2012 3:05	OXIDATION-REDUCTION POTENTIAL	112	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37D-TOP	SF37	TOP	17.5	5/8/2012 3:05	OXIDATION-REDUCTION POTENTIAL	110	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF18A-BOT	SF18	BOT	2.5	5/8/2012 9:15	PH	6.77	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18B-BOT	SF18	BOT	7.5	5/8/2012 9:15	PH	6.85	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18C-BOT	SF18	BOT	12.5	5/8/2012 9:15	PH	6.95	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18D-BOT	SF18	BOT	17.5	5/8/2012 9:15	PH	6.94	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18A-TOP	SF18	TOP	2.5	5/8/2012 9:15	PH	6.72	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18B-TOP	SF18	TOP	7.5	5/8/2012 9:15	PH	6.8	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18C-TOP	SF18	TOP	12.5	5/8/2012 9:15	PH	6.94	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18D-TOP	SF18	TOP	17.5	5/8/2012 9:15	PH	6.97	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF19A-BOT	SF19	BOT	2.5	5/8/2012 9:33	PH	7.03	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19B-BOT	SF19	BOT	7.5	5/8/2012 9:33	PH	7.01	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19C-BOT	SF19	BOT	12.5	5/8/2012 9:33	PH	7.02	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19D-BOT	SF19	BOT	17.5	5/8/2012 9:33	PH	7.02	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19E-BOT	SF19	BOT	22.5	5/8/2012 9:33	PH	7.01	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19F-BOT	SF19	BOT	27.5	5/8/2012 9:33	PH	7.1	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 4" feet wide). Shallow Water: TOP sample equals BOTTOM sample - on bank, lots of leaves and organic matter
CDEOU4-120508-SF19A-TOP	SF19	TOP	2.5	5/8/2012 9:33	PH	7.06	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19B-TOP	SF19	TOP	7.5	5/8/2012 9:33	PH	7.07	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19C-TOP	SF19	TOP	12.5	5/8/2012 9:33	PH	7.04	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19D-TOP	SF19	TOP	17.5	5/8/2012 9:33	PH	7.09	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19E-TOP	SF19	TOP	22.5	5/8/2012 9:33	PH	7.04	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19F-TOP	SF19	TOP	27.5	5/8/2012 9:33	PH	7.1	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 4" feet wide). Shallow Water: TOP sample equals BOTTOM sample - on bank, lots of leaves and organic matter
CDEOU4-120508-SF20A-BOT	SF20	BOT	2.5	5/8/2012 9:47	PH	7.05	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20B-BOT	SF20	BOT	7.5	5/8/2012 9:47	PH	7.03	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20C-BOT	SF20	BOT	12.5	5/8/2012 9:47	PH	7	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20D-BOT	SF20	BOT	17.5	5/8/2012 9:47	PH	7.04	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20E-BOT	SF20	BOT	22.5	5/8/2012 9:47	PH	7.1	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20F-BOT	SF20	BOT	27.5	5/8/2012 9:47	PH	7.02	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20G-BOT	SF20	BOT	32.5	5/8/2012 9:47	PH	7.06	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20H-BOT	SF20	BOT	37.5	5/8/2012 9:47	PH	6.99	Horiba U52 - Field measurement collected 37.5 feet from left bank (38' 1" feet wide). Shallow water: TOP sample equals BOTTOM sample - on bank, sample taken in muck and leaves, with a lot of other organic matter
CDEOU4-120508-SF20A-TOP	SF20	TOP	2.5	5/8/2012 9:47	PH	7.07	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20B-TOP	SF20	TOP	7.5	5/8/2012 9:47	PH	7.07	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20C-TOP	SF20	TOP	12.5	5/8/2012 9:47	PH	7.14	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20D-TOP	SF20	TOP	17.5	5/8/2012 9:47	PH	7.08	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20E-TOP	SF20	TOP	22.5	5/8/2012 9:47	PH	7.08	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20F-TOP	SF20	TOP	27.5	5/8/2012 9:47	PH	7.07	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20G-TOP	SF20	TOP	32.5	5/8/2012 9:47	PH	7.15	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20H-TOP	SF20	TOP	37.5	5/8/2012 9:47	PH	6.99	Horiba U52 - Field measurement collected 37.5 feet from left bank (38' 1" feet wide). Shallow water: TOP sample equals BOTTOM sample - on bank, sample taken in muck and leaves, with a lot of other organic matter
CDEOU4-120508-SF21A-BOT	SF21	BOT	2.5	5/8/2012 10:11	PH	7.1	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21B-BOT	SF21	BOT	7.5	5/8/2012 10:11	PH	7.05	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21C-BOT	SF21	BOT	12.5	5/8/2012 10:11	PH	7.07	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21D-BOT	SF21	BOT	17.5	5/8/2012 10:11	PH	7.08	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' feet wide). Bottom full of gravel and hardened debris - from construction site?
CDEOU4-120508-SF21E-BOT	SF21	BOT	22.5	5/8/2012 10:11	PH	7.07	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21A-TOP	SF21	TOP	2.5	5/8/2012 10:11	PH	7.16	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21B-TOP	SF21	TOP	7.5	5/8/2012 10:11	PH	7.2	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21C-TOP	SF21	TOP	12.5	5/8/2012 10:11	PH	7.12	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21D-TOP	SF21	TOP	17.5	5/8/2012 10:11	PH	7.13	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21E-TOP	SF21	TOP	22.5	5/8/2012 10:11	PH	7.14	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF22A-BOT	SF22	BOT	2.5	5/8/2012 10:26	PH	7.11	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22B-BOT	SF22	BOT	7.5	5/8/2012 10:26	PH	7.16	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22C-BOT	SF22	BOT	12.5	5/8/2012 10:26	PH	7.08	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22D-BOT	SF22	BOT	17.5	5/8/2012 10:26	PH	7.08	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22E-BOT	SF22	BOT	22.5	5/8/2012 10:26	PH	7.11	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22A-TOP	SF22	TOP	2.5	5/8/2012 10:26	PH	7.17	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22B-TOP	SF22	TOP	7.5	5/8/2012 10:26	PH	7.16	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22C-TOP	SF22	TOP	12.5	5/8/2012 10:26	PH	7.11	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22D-TOP	SF22	TOP	17.5	5/8/2012 10:26	PH	7.1	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22E-TOP	SF22	TOP	22.5	5/8/2012 10:26	PH	7.17	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF23A-BOT	SF23	BOT	2.5	5/8/2012 10:36	PH	7.04	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23B-BOT	SF23	BOT	7.5	5/8/2012 10:36	PH	7.11	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23C-BOT	SF23	BOT	12.5	5/8/2012 10:36	PH	7.11	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23D-BOT	SF23	BOT	17.5	5/8/2012 10:36	PH	7.2	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108 - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF23A-TOP	SF23	TOP	2.5	5/8/2012 10:36	PH	7.16	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23B-TOP	SF23	TOP	7.5	5/8/2012 10:36	PH	7.18	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23C-TOP	SF23	TOP	12.5	5/8/2012 10:36	PH	7.16	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23D-TOP	SF23	TOP	17.5	5/8/2012 10:36	PH	7.2	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108 - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF25A-BOT	SF25	BOT	2.5	5/8/2012 10:56	PH	7.22	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25B-BOT	SF25	BOT	7.5	5/8/2012 10:56	PH	7.14	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25C-BOT	SF25	BOT	12.5	5/8/2012 10:56	PH	7.11	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25D-BOT	SF25	BOT	17.5	5/8/2012 10:56	PH	7.16	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25E-BOT	SF25	BOT	22.5	5/8/2012 10:56	PH	7.14	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed (Very rocky)
CDEOU4-120508-SF25F-BOT	SF25	BOT	27.5	5/8/2012 10:56	PH	7.26	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed: Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF25A-TOP	SF25	TOP	2.5	5/8/2012 10:56	PH	7.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25B-TOP	SF25	TOP	7.5	5/8/2012 10:56	PH	7.24	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25C-TOP	SF25	TOP	12.5	5/8/2012 10:56	PH	7.14	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25D-TOP	SF25	TOP	17.5	5/8/2012 10:56	PH	7.18	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25E-TOP	SF25	TOP	22.5	5/8/2012 10:56	PH	7.17	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25F-TOP	SF25	TOP	27.5	5/8/2012 10:56	PH	7.26	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed: Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26A-BOT	SF26	BOT	2.5	5/8/2012 11:13	PH	7.5	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26B-BOT	SF26	BOT	7.5	5/8/2012 11:13	PH	7.31	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF26C-BOT	SF26	BOT	12.5	5/8/2012 11:13	PH	7.22	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26D-BOT	SF26	BOT	17.5	5/8/2012 11:13	PH	7.24	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26E-BOT	SF26	BOT	22.5	5/8/2012 11:13	PH	7.17	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26A-TOP	SF26	TOP	2.5	5/8/2012 11:13	PH	7.5	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26B-TOP	SF26	TOP	7.5	5/8/2012 11:13	PH	7.36	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26C-TOP	SF26	TOP	12.5	5/8/2012 11:13	PH	7.28	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26D-TOP	SF26	TOP	17.5	5/8/2012 11:13	PH	7.21	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26E-TOP	SF26	TOP	22.5	5/8/2012 11:13	PH	7.32	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF27A-BOT	SF27	BOT	2.5	5/8/2012 11:45	PH	7.16	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27B-BOT	SF27	BOT	7.5	5/8/2012 11:45	PH	7.12	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27C-BOT	SF27	BOT	12.5	5/8/2012 11:45	PH	7.11	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27D-BOT	SF27	BOT	17.5	5/8/2012 11:45	PH	7.13	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27E-BOT	SF27	BOT	22.5	5/8/2012 11:45	PH	7.12	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27F-BOT	SF27	BOT	27.5	5/8/2012 11:45	PH	7.1	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field; a lot of organic matter on bottom
CDEOU4-120508-SF27A-TOP	SF27	TOP	2.5	5/8/2012 11:45	PH	7.33	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27B-TOP	SF27	TOP	7.5	5/8/2012 11:45	PH	7.24	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27C-TOP	SF27	TOP	12.5	5/8/2012 11:45	PH	7.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27D-TOP	SF27	TOP	17.5	5/8/2012 11:45	PH	7.18	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27E-TOP	SF27	TOP	22.5	5/8/2012 11:45	PH	7.17	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27F-TOP	SF27	TOP	27.5	5/8/2012 11:45	PH	7.22	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF28A-BOT	SF28	BOT	2.5	5/8/2012 11:58	PH	7.24	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF28B-BOT	SF28	BOT	7.5	5/8/2012 11:58	PH	7.16	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28C-BOT	SF28	BOT	12.5	5/8/2012 11:58	PH	7.1	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28D-BOT	SF28	BOT	17.5	5/8/2012 11:58	PH	7.1	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28E-BOT	SF28	BOT	22.5	5/8/2012 11:58	PH	7.15	Horiba U52 - Field measurement collected 22.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28A-TOP	SF28	TOP	2.5	5/8/2012 11:58	PH	7.24	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF28B-TOP	SF28	TOP	7.5	5/8/2012 11:58	PH	7.25	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28C-TOP	SF28	TOP	12.5	5/8/2012 11:58	PH	7.21	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28D-TOP	SF28	TOP	17.5	5/8/2012 11:58	PH	7.25	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28E-TOP	SF28	TOP	22.5	5/8/2012 11:58	PH	7.27	Horiba U52 - Field measurement collected 22.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF29A-BOT	SF29	BOT	2.5	5/8/2012 0:08	PH	7.18	Horiba U52 - Field measurement collected 2.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29B-BOT	SF29	BOT	7.5	5/8/2012 0:08	PH	7.2	Horiba U52 - Field measurement collected 7.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29C-BOT	SF29	BOT	12.5	5/8/2012 0:08	PH	7.13	Horiba U52 - Field measurement collected 12.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29D-BOT	SF29	BOT	17.5	5/8/2012 0:08	PH	7.14	Horiba U52 - Field measurement collected 17.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29A-TOP	SF29	TOP	2.5	5/8/2012 0:08	PH	7.25	Horiba U52 - Field measurement collected 2.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29B-TOP	SF29	TOP	7.5	5/8/2012 0:08	PH	7.32	Horiba U52 - Field measurement collected 7.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29C-TOP	SF29	TOP	12.5	5/8/2012 0:08	PH	7.23	Horiba U52 - Field measurement collected 12.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29D-TOP	SF29	TOP	17.5	5/8/2012 0:08	PH	7.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF30A-BOT	SF30	BOT	2.5	5/8/2012 0:25	PH	7.21	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30B-BOT	SF30	BOT	7.5	5/8/2012 0:25	PH	7.17	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30C-BOT	SF30	BOT	12.5	5/8/2012 0:25	PH	7.23	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30D-BOT	SF30	BOT	17.5	5/8/2012 0:25	PH	7.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30A-TOP	SF30	TOP	2.5	5/8/2012 0:25	PH	7.35	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30B-TOP	SF30	TOP	7.5	5/8/2012 0:25	PH	7.2	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30C-TOP	SF30	TOP	12.5	5/8/2012 0:25	PH	7.23	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30D-TOP	SF30	TOP	17.5	5/8/2012 0:25	PH	7.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF31A-BOT	SF31	BOT	2.5	5/8/2012 2:02	PH	7.17	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31B-BOT	SF31	BOT	7.5	5/8/2012 2:02	PH	7.09	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31C-BOT	SF31	BOT	12.5	5/8/2012 2:02	PH	7.05	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31D-BOT	SF31	BOT	17.5	5/8/2012 2:02	PH	7.02	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31A-TOP	SF31	TOP	2.5	5/8/2012 2:02	PH	7.26	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31B-TOP	SF31	TOP	7.5	5/8/2012 2:02	PH	7.1	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31C-TOP	SF31	TOP	12.5	5/8/2012 2:02	PH	7.04	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31D-TOP	SF31	TOP	17.5	5/8/2012 2:02	PH	7.1	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF32A-BOT	SF32	BOT	2.5	5/8/2012 2:17	PH	7.09	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32B-BOT	SF32	BOT	7.5	5/8/2012 2:17	PH	7.07	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32C-BOT	SF32	BOT	12.5	5/8/2012 2:17	PH	7.07	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32D-BOT	SF32	BOT	17.5	5/8/2012 2:17	PH	7.09	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32E-BOT	SF32	BOT	22.5	5/8/2012 2:17	PH	7.11	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32F-BOT	SF32	BOT	27.5	5/8/2012 2:17	PH	7.17	Horiba U52 - Field measurement collected 27.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed - Up against A-side bank
CDEOU4-120508-SF32A-TOP	SF32	TOP	2.5	5/8/2012 2:17	PH	7.17	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32B-TOP	SF32	TOP	7.5	5/8/2012 2:17	PH	7.12	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32C-TOP	SF32	TOP	12.5	5/8/2012 2:17	PH	7.14	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32D-TOP	SF32	TOP	17.5	5/8/2012 2:17	PH	7.13	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32E-TOP	SF32	TOP	22.5	5/8/2012 2:17	PH	7.21	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32F-TOP	SF32	TOP	27.5	5/8/2012 2:17	PH	7.29	Horiba U52 - Field measurement collected 27.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed - Up against A-side bank
CDEOU4-120508-SF33A-BOT	SF33	BOT	2.5	5/8/2012 2:27	PH	7.18	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33B-BOT	SF33	BOT	7.5	5/8/2012 2:27	PH	7.18	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33C-BOT	SF33	BOT	12.5	5/8/2012 2:27	PH	7.16	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33D-BOT	SF33	BOT	17.5	5/8/2012 2:27	PH	7.25	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF33A-TOP	SF33	TOP	2.5	5/8/2012 2:27	PH	7.21	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33B-TOP	SF33	TOP	7.5	5/8/2012 2:27	PH	7.27	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33C-TOP	SF33	TOP	12.5	5/8/2012 2:27	PH	7.24	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33D-TOP	SF33	TOP	17.5	5/8/2012 2:27	PH	7.25	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF34A-BOT	SF34	BOT	2.5	5/8/2012 2:36	PH	7.29	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34B-BOT	SF34	BOT	7.5	5/8/2012 2:36	PH	7.26	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34C-BOT	SF34	BOT	12.5	5/8/2012 2:36	PH	7.26	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34D-BOT	SF34	BOT	17.5	5/8/2012 2:36	PH	7.34	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF34A-TOP	SF34	TOP	2.5	5/8/2012 2:36	PH	7.32	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34B-TOP	SF34	TOP	7.5	5/8/2012 2:36	PH	7.36	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34C-TOP	SF34	TOP	12.5	5/8/2012 2:36	PH	7.33	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF34D-TOP	SF34	TOP	17.5	5/8/2012 2:36	PH	7.34	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF35A-BOT	SF35	BOT	2.5	5/8/2012 2:46	PH	7.29	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35B-BOT	SF35	BOT	7.5	5/8/2012 2:46	PH	7.26	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35C-BOT	SF35	BOT	12.5	5/8/2012 2:46	PH	7.26	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35D-BOT	SF35	BOT	17.5	5/8/2012 2:46	PH	7.27	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35E-BOT	SF35	BOT	22.5	5/8/2012 2:46	PH	7.26	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35F-BOT	SF35	BOT	27.5	5/8/2012 2:46	PH	7.31	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF35A-TOP	SF35	TOP	2.5	5/8/2012 2:46	PH	7.34	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35B-TOP	SF35	TOP	7.5	5/8/2012 2:46	PH	7.31	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35C-TOP	SF35	TOP	12.5	5/8/2012 2:46	PH	7.31	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35D-TOP	SF35	TOP	17.5	5/8/2012 2:46	PH	7.34	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35E-TOP	SF35	TOP	22.5	5/8/2012 2:46	PH	7.33	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35F-TOP	SF35	TOP	27.5	5/8/2012 2:46	PH	7.31	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36A-BOT	SF36	BOT	2.5	5/8/2012 2:58	PH	7.37	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36B-BOT	SF36	BOT	7.5	5/8/2012 2:58	PH	7.35	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36C-BOT	SF36	BOT	12.5	5/8/2012 2:58	PH	7.28	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36D-BOT	SF36	BOT	17.5	5/8/2012 2:58	PH	7.24	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36E-BOT	SF36	BOT	22.5	5/8/2012 2:58	PH	7.24	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36A-TOP	SF36	TOP	2.5	5/8/2012 2:58	PH	7.37	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36B-TOP	SF36	TOP	7.5	5/8/2012 2:58	PH	7.35	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36C-TOP	SF36	TOP	12.5	5/8/2012 2:58	PH	7.34	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36D-TOP	SF36	TOP	17.5	5/8/2012 2:58	PH	7.28	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36E-TOP	SF36	TOP	22.5	5/8/2012 2:58	PH	7.29	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF37A-BOT	SF37	BOT	2.5	5/8/2012 3:05	PH	7.46	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37B-BOT	SF37	BOT	7.5	5/8/2012 3:05	PH	7.37	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37C-BOT	SF37	BOT	12.5	5/8/2012 3:05	PH	7.29	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37D-BOT	SF37	BOT	17.5	5/8/2012 3:05	PH	7.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37A-TOP	SF37	TOP	2.5	5/8/2012 3:05	PH	7.46	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37B-TOP	SF37	TOP	7.5	5/8/2012 3:05	PH	7.37	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37C-TOP	SF37	TOP	12.5	5/8/2012 3:05	PH	7.35	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37D-TOP	SF37	TOP	17.5	5/8/2012 3:05	PH	7.33	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF18A-BOT	SF18	BOT	2.5	5/8/2012 9:15	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18B-BOT	SF18	BOT	7.5	5/8/2012 9:15	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18C-BOT	SF18	BOT	12.5	5/8/2012 9:15	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18D-BOT	SF18	BOT	17.5	5/8/2012 9:15	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18A-TOP	SF18	TOP	2.5	5/8/2012 9:15	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18B-TOP	SF18	TOP	7.5	5/8/2012 9:15	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18C-TOP	SF18	TOP	12.5	5/8/2012 9:15	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18D-TOP	SF18	TOP	17.5	5/8/2012 9:15	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF19A-BOT	SF19	BOT	2.5	5/8/2012 9:33	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19B-BOT	SF19	BOT	7.5	5/8/2012 9:33	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19C-BOT	SF19	BOT	12.5	5/8/2012 9:33	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19D-BOT	SF19	BOT	17.5	5/8/2012 9:33	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19E-BOT	SF19	BOT	22.5	5/8/2012 9:33	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19F-BOT	SF19	BOT	27.5	5/8/2012 9:33	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 4" feet wide). Shallow Water: TOP sample equals BOTTOM sample - on bank, lots of leaves and organic matter
CDEOU4-120508-SF19A-TOP	SF19	TOP	2.5	5/8/2012 9:33	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19B-TOP	SF19	TOP	7.5	5/8/2012 9:33	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19C-TOP	SF19	TOP	12.5	5/8/2012 9:33	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19D-TOP	SF19	TOP	17.5	5/8/2012 9:33	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19E-TOP	SF19	TOP	22.5	5/8/2012 9:33	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19F-TOP	SF19	TOP	27.5	5/8/2012 9:33	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 4" feet wide). Shallow Water: TOP sample equals BOTTOM sample - on bank, lots of leaves and organic matter
CDEOU4-120508-SF20A-BOT	SF20	BOT	2.5	5/8/2012 9:47	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20B-BOT	SF20	BOT	7.5	5/8/2012 9:47	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20C-BOT	SF20	BOT	12.5	5/8/2012 9:47	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20D-BOT	SF20	BOT	17.5	5/8/2012 9:47	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20E-BOT	SF20	BOT	22.5	5/8/2012 9:47	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20F-BOT	SF20	BOT	27.5	5/8/2012 9:47	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20G-BOT	SF20	BOT	32.5	5/8/2012 9:47	SALINITY	0.3	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20H-BOT	SF20	BOT	37.5	5/8/2012 9:47	SALINITY	0.4	Horiba U52 - Field measurement collected 37.5 feet from left bank (38' 1" feet wide). Shallow water: TOP sample equals BOTTOM sample - on bank, sample taken in muck and leaves, with a lot of other organic matter
CDEOU4-120508-SF20A-TOP	SF20	TOP	2.5	5/8/2012 9:47	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20B-TOP	SF20	TOP	7.5	5/8/2012 9:47	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20C-TOP	SF20	TOP	12.5	5/8/2012 9:47	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20D-TOP	SF20	TOP	17.5	5/8/2012 9:47	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20E-TOP	SF20	TOP	22.5	5/8/2012 9:47	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20F-TOP	SF20	TOP	27.5	5/8/2012 9:47	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20G-TOP	SF20	TOP	32.5	5/8/2012 9:47	SALINITY	0.3	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20H-TOP	SF20	TOP	37.5	5/8/2012 9:47	SALINITY	0.4	Horiba U52 - Field measurement collected 37.5 feet from left bank (38' 1" feet wide). Shallow water: TOP sample equals BOTTOM sample - on bank, sample taken in muck and leaves, with a lot of other organic matter
CDEOU4-120508-SF21A-BOT	SF21	BOT	2.5	5/8/2012 10:11	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21B-BOT	SF21	BOT	7.5	5/8/2012 10:11	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21C-BOT	SF21	BOT	12.5	5/8/2012 10:11	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21D-BOT	SF21	BOT	17.5	5/8/2012 10:11	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' feet wide). Bottom full of gravel and hardened debris - from construction site?
CDEOU4-120508-SF21E-BOT	SF21	BOT	22.5	5/8/2012 10:11	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21A-TOP	SF21	TOP	2.5	5/8/2012 10:11	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21B-TOP	SF21	TOP	7.5	5/8/2012 10:11	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21C-TOP	SF21	TOP	12.5	5/8/2012 10:11	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21D-TOP	SF21	TOP	17.5	5/8/2012 10:11	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21E-TOP	SF21	TOP	22.5	5/8/2012 10:11	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF22A-BOT	SF22	BOT	2.5	5/8/2012 10:26	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22B-BOT	SF22	BOT	7.5	5/8/2012 10:26	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22C-BOT	SF22	BOT	12.5	5/8/2012 10:26	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22D-BOT	SF22	BOT	17.5	5/8/2012 10:26	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 4" feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF22E-BOT	SF22	BOT	22.5	5/8/2012 10:26	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22A-TOP	SF22	TOP	2.5	5/8/2012 10:26	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22B-TOP	SF22	TOP	7.5	5/8/2012 10:26	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22C-TOP	SF22	TOP	12.5	5/8/2012 10:26	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22D-TOP	SF22	TOP	17.5	5/8/2012 10:26	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22E-TOP	SF22	TOP	22.5	5/8/2012 10:26	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF23A-BOT	SF23	BOT	2.5	5/8/2012 10:36	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23B-BOT	SF23	BOT	7.5	5/8/2012 10:36	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23C-BOT	SF23	BOT	12.5	5/8/2012 10:36	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23D-BOT	SF23	BOT	17.5	5/8/2012 10:36	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108 - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF23A-TOP	SF23	TOP	2.5	5/8/2012 10:36	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23B-TOP	SF23	TOP	7.5	5/8/2012 10:36	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23C-TOP	SF23	TOP	12.5	5/8/2012 10:36	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23D-TOP	SF23	TOP	17.5	5/8/2012 10:36	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108 - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF25A-BOT	SF25	BOT	2.5	5/8/2012 10:56	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25B-BOT	SF25	BOT	7.5	5/8/2012 10:56	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25C-BOT	SF25	BOT	12.5	5/8/2012 10:56	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25D-BOT	SF25	BOT	17.5	5/8/2012 10:56	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25E-BOT	SF25	BOT	22.5	5/8/2012 10:56	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed (Very rocky)
CDEOU4-120508-SF25F-BOT	SF25	BOT	27.5	5/8/2012 10:56	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed: Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF25A-TOP	SF25	TOP	2.5	5/8/2012 10:56	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25B-TOP	SF25	TOP	7.5	5/8/2012 10:56	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25C-TOP	SF25	TOP	12.5	5/8/2012 10:56	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25D-TOP	SF25	TOP	17.5	5/8/2012 10:56	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25E-TOP	SF25	TOP	22.5	5/8/2012 10:56	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25F-TOP	SF25	TOP	27.5	5/8/2012 10:56	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed: Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26A-BOT	SF26	BOT	2.5	5/8/2012 11:13	SALINITY	0.2	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26B-BOT	SF26	BOT	7.5	5/8/2012 11:13	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26C-BOT	SF26	BOT	12.5	5/8/2012 11:13	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26D-BOT	SF26	BOT	17.5	5/8/2012 11:13	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26E-BOT	SF26	BOT	22.5	5/8/2012 11:13	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26A-TOP	SF26	TOP	2.5	5/8/2012 11:13	SALINITY	0.2	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26B-TOP	SF26	TOP	7.5	5/8/2012 11:13	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26C-TOP	SF26	TOP	12.5	5/8/2012 11:13	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26D-TOP	SF26	TOP	17.5	5/8/2012 11:13	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26E-TOP	SF26	TOP	22.5	5/8/2012 11:13	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF27A-BOT	SF27	BOT	2.5	5/8/2012 11:45	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27B-BOT	SF27	BOT	7.5	5/8/2012 11:45	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27C-BOT	SF27	BOT	12.5	5/8/2012 11:45	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27D-BOT	SF27	BOT	17.5	5/8/2012 11:45	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27E-BOT	SF27	BOT	22.5	5/8/2012 11:45	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27F-BOT	SF27	BOT	27.5	5/8/2012 11:45	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field; a lot of organic matter on bottom
CDEOU4-120508-SF27A-TOP	SF27	TOP	2.5	5/8/2012 11:45	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27B-TOP	SF27	TOP	7.5	5/8/2012 11:45	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27C-TOP	SF27	TOP	12.5	5/8/2012 11:45	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27D-TOP	SF27	TOP	17.5	5/8/2012 11:45	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27E-TOP	SF27	TOP	22.5	5/8/2012 11:45	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27F-TOP	SF27	TOP	27.5	5/8/2012 11:45	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF28A-BOT	SF28	BOT	2.5	5/8/2012 11:58	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF28B-BOT	SF28	BOT	7.5	5/8/2012 11:58	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28C-BOT	SF28	BOT	12.5	5/8/2012 11:58	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28D-BOT	SF28	BOT	17.5	5/8/2012 11:58	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28E-BOT	SF28	BOT	22.5	5/8/2012 11:58	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28A-TOP	SF28	TOP	2.5	5/8/2012 11:58	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF28B-TOP	SF28	TOP	7.5	5/8/2012 11:58	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28C-TOP	SF28	TOP	12.5	5/8/2012 11:58	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28D-TOP	SF28	TOP	17.5	5/8/2012 11:58	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28E-TOP	SF28	TOP	22.5	5/8/2012 11:58	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF29A-BOT	SF29	BOT	2.5	5/8/2012 0:08	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29B-BOT	SF29	BOT	7.5	5/8/2012 0:08	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29C-BOT	SF29	BOT	12.5	5/8/2012 0:08	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29D-BOT	SF29	BOT	17.5	5/8/2012 0:08	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29A-TOP	SF29	TOP	2.5	5/8/2012 0:08	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29B-TOP	SF29	TOP	7.5	5/8/2012 0:08	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29C-TOP	SF29	TOP	12.5	5/8/2012 0:08	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29D-TOP	SF29	TOP	17.5	5/8/2012 0:08	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF30A-BOT	SF30	BOT	2.5	5/8/2012 0:25	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30B-BOT	SF30	BOT	7.5	5/8/2012 0:25	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30C-BOT	SF30	BOT	12.5	5/8/2012 0:25	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30D-BOT	SF30	BOT	17.5	5/8/2012 0:25	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30A-TOP	SF30	TOP	2.5	5/8/2012 0:25	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30B-TOP	SF30	TOP	7.5	5/8/2012 0:25	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30C-TOP	SF30	TOP	12.5	5/8/2012 0:25	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30D-TOP	SF30	TOP	17.5	5/8/2012 0:25	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF31A-BOT	SF31	BOT	2.5	5/8/2012 2:02	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31B-BOT	SF31	BOT	7.5	5/8/2012 2:02	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31C-BOT	SF31	BOT	12.5	5/8/2012 2:02	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31D-BOT	SF31	BOT	17.5	5/8/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31A-TOP	SF31	TOP	2.5	5/8/2012 2:02	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31B-TOP	SF31	TOP	7.5	5/8/2012 2:02	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31C-TOP	SF31	TOP	12.5	5/8/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF31D-TOP	SF31	TOP	17.5	5/8/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF32A-BOT	SF32	BOT	2.5	5/8/2012 2:17	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32B-BOT	SF32	BOT	7.5	5/8/2012 2:17	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32C-BOT	SF32	BOT	12.5	5/8/2012 2:17	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32D-BOT	SF32	BOT	17.5	5/8/2012 2:17	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32E-BOT	SF32	BOT	22.5	5/8/2012 2:17	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32F-BOT	SF32	BOT	27.5	5/8/2012 2:17	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed - Up against A-side bank
CDEOU4-120508-SF32A-TOP	SF32	TOP	2.5	5/8/2012 2:17	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32B-TOP	SF32	TOP	7.5	5/8/2012 2:17	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32C-TOP	SF32	TOP	12.5	5/8/2012 2:17	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32D-TOP	SF32	TOP	17.5	5/8/2012 2:17	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32E-TOP	SF32	TOP	22.5	5/8/2012 2:17	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32F-TOP	SF32	TOP	27.5	5/8/2012 2:17	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed - Up against A-side bank
CDEOU4-120508-SF33A-BOT	SF33	BOT	2.5	5/8/2012 2:27	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33B-BOT	SF33	BOT	7.5	5/8/2012 2:27	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33C-BOT	SF33	BOT	12.5	5/8/2012 2:27	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33D-BOT	SF33	BOT	17.5	5/8/2012 2:27	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF33A-TOP	SF33	TOP	2.5	5/8/2012 2:27	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33B-TOP	SF33	TOP	7.5	5/8/2012 2:27	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33C-TOP	SF33	TOP	12.5	5/8/2012 2:27	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33D-TOP	SF33	TOP	17.5	5/8/2012 2:27	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF34A-BOT	SF34	BOT	2.5	5/8/2012 2:36	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34B-BOT	SF34	BOT	7.5	5/8/2012 2:36	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34C-BOT	SF34	BOT	12.5	5/8/2012 2:36	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34D-BOT	SF34	BOT	17.5	5/8/2012 2:36	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF34A-TOP	SF34	TOP	2.5	5/8/2012 2:36	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34B-TOP	SF34	TOP	7.5	5/8/2012 2:36	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34C-TOP	SF34	TOP	12.5	5/8/2012 2:36	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34D-TOP	SF34	TOP	17.5	5/8/2012 2:36	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF35A-BOT	SF35	BOT	2.5	5/8/2012 2:46	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35B-BOT	SF35	BOT	7.5	5/8/2012 2:46	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35C-BOT	SF35	BOT	12.5	5/8/2012 2:46	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35D-BOT	SF35	BOT	17.5	5/8/2012 2:46	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35E-BOT	SF35	BOT	22.5	5/8/2012 2:46	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35F-BOT	SF35	BOT	27.5	5/8/2012 2:46	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF35A-TOP	SF35	TOP	2.5	5/8/2012 2:46	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35B-TOP	SF35	TOP	7.5	5/8/2012 2:46	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35C-TOP	SF35	TOP	12.5	5/8/2012 2:46	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35D-TOP	SF35	TOP	17.5	5/8/2012 2:46	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35E-TOP	SF35	TOP	22.5	5/8/2012 2:46	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35F-TOP	SF35	TOP	27.5	5/8/2012 2:46	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36A-BOT	SF36	BOT	2.5	5/8/2012 2:58	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36B-BOT	SF36	BOT	7.5	5/8/2012 2:58	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36C-BOT	SF36	BOT	12.5	5/8/2012 2:58	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36D-BOT	SF36	BOT	17.5	5/8/2012 2:58	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36E-BOT	SF36	BOT	22.5	5/8/2012 2:58	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36A-TOP	SF36	TOP	2.5	5/8/2012 2:58	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36B-TOP	SF36	TOP	7.5	5/8/2012 2:58	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36C-TOP	SF36	TOP	12.5	5/8/2012 2:58	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36D-TOP	SF36	TOP	17.5	5/8/2012 2:58	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36E-TOP	SF36	TOP	22.5	5/8/2012 2:58	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF37A-BOT	SF37	BOT	2.5	5/8/2012 3:05	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37B-BOT	SF37	BOT	7.5	5/8/2012 3:05	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37C-BOT	SF37	BOT	12.5	5/8/2012 3:05	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37D-BOT	SF37	BOT	17.5	5/8/2012 3:05	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37A-TOP	SF37	TOP	2.5	5/8/2012 3:05	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37B-TOP	SF37	TOP	7.5	5/8/2012 3:05	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37C-TOP	SF37	TOP	12.5	5/8/2012 3:05	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37D-TOP	SF37	TOP	17.5	5/8/2012 3:05	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF18A-BOT	SF18	BOT	2.5	5/8/2012 9:15	TEMPERATURE	15	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18B-BOT	SF18	BOT	7.5	5/8/2012 9:15	TEMPERATURE	15.04	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18C-BOT	SF18	BOT	12.5	5/8/2012 9:15	TEMPERATURE	15.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18D-BOT	SF18	BOT	17.5	5/8/2012 9:15	TEMPERATURE	15.13	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18A-TOP	SF18	TOP	2.5	5/8/2012 9:15	TEMPERATURE	15.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18B-TOP	SF18	TOP	7.5	5/8/2012 9:15	TEMPERATURE	14.91	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18C-TOP	SF18	TOP	12.5	5/8/2012 9:15	TEMPERATURE	15.37	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF18D-TOP	SF18	TOP	17.5	5/8/2012 9:15	TEMPERATURE	15.33	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 3" feet wide). Measurement taken at Pennoni Stake 2109 - Cobble downstream of culvert making it difficult to place meter on streambed for bottom measurement
CDEOU4-120508-SF19A-BOT	SF19	BOT	2.5	5/8/2012 9:33	TEMPERATURE	14.86	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19B-BOT	SF19	BOT	7.5	5/8/2012 9:33	TEMPERATURE	14.87	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19C-BOT	SF19	BOT	12.5	5/8/2012 9:33	TEMPERATURE	14.87	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19D-BOT	SF19	BOT	17.5	5/8/2012 9:33	TEMPERATURE	14.87	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19E-BOT	SF19	BOT	22.5	5/8/2012 9:33	TEMPERATURE	14.95	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19F-BOT	SF19	BOT	27.5	5/8/2012 9:33	TEMPERATURE	15.04	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 4" feet wide). Shallow Water: TOP sample equals BOTTOM sample - on bank, lots of leaves and organic matter
CDEOU4-120508-SF19A-TOP	SF19	TOP	2.5	5/8/2012 9:33	TEMPERATURE	14.85	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19B-TOP	SF19	TOP	7.5	5/8/2012 9:33	TEMPERATURE	14.81	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19C-TOP	SF19	TOP	12.5	5/8/2012 9:33	TEMPERATURE	14.94	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19D-TOP	SF19	TOP	17.5	5/8/2012 9:33	TEMPERATURE	14.84	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19E-TOP	SF19	TOP	22.5	5/8/2012 9:33	TEMPERATURE	14.95	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide)
CDEOU4-120508-SF19F-TOP	SF19	TOP	27.5	5/8/2012 9:33	TEMPERATURE	15.04	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 4" feet wide). Shallow Water: TOP sample equals BOTTOM sample - on bank, lots of leaves and organic matter
CDEOU4-120508-SF20A-BOT	SF20	BOT	2.5	5/8/2012 9:47	TEMPERATURE	14.9	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20B-BOT	SF20	BOT	7.5	5/8/2012 9:47	TEMPERATURE	14.89	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' 1" feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF20C-BOT	SF20	BOT	12.5	5/8/2012 9:47	TEMPERATURE	14.88	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20D-BOT	SF20	BOT	17.5	5/8/2012 9:47	TEMPERATURE	14.96	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20E-BOT	SF20	BOT	22.5	5/8/2012 9:47	TEMPERATURE	15	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20F-BOT	SF20	BOT	27.5	5/8/2012 9:47	TEMPERATURE	15.02	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20G-BOT	SF20	BOT	32.5	5/8/2012 9:47	TEMPERATURE	15.08	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20H-BOT	SF20	BOT	37.5	5/8/2012 9:47	TEMPERATURE	15.75	Horiba U52 - Field measurement collected 37.5 feet from left bank (38' 1" feet wide). Shallow water: TOP sample equals BOTTOM sample - on bank, sample taken in muck and leaves, with a lot of other organic matter
CDEOU4-120508-SF20A-TOP	SF20	TOP	2.5	5/8/2012 9:47	TEMPERATURE	14.89	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20B-TOP	SF20	TOP	7.5	5/8/2012 9:47	TEMPERATURE	14.88	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20C-TOP	SF20	TOP	12.5	5/8/2012 9:47	TEMPERATURE	14.91	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20D-TOP	SF20	TOP	17.5	5/8/2012 9:47	TEMPERATURE	15.01	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20E-TOP	SF20	TOP	22.5	5/8/2012 9:47	TEMPERATURE	14.99	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20F-TOP	SF20	TOP	27.5	5/8/2012 9:47	TEMPERATURE	15	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20G-TOP	SF20	TOP	32.5	5/8/2012 9:47	TEMPERATURE	15.06	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' 1" feet wide)
CDEOU4-120508-SF20H-TOP	SF20	TOP	37.5	5/8/2012 9:47	TEMPERATURE	15.75	Horiba U52 - Field measurement collected 37.5 feet from left bank (38' 1" feet wide). Shallow water: TOP sample equals BOTTOM sample - on bank, sample taken in muck and leaves, with a lot of other organic matter
CDEOU4-120508-SF21A-BOT	SF21	BOT	2.5	5/8/2012 10:11	TEMPERATURE	14.99	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21B-BOT	SF21	BOT	7.5	5/8/2012 10:11	TEMPERATURE	14.98	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21C-BOT	SF21	BOT	12.5	5/8/2012 10:11	TEMPERATURE	14.99	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21D-BOT	SF21	BOT	17.5	5/8/2012 10:11	TEMPERATURE	15.01	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' feet wide). Bottom full of gravel and hardened debris - from construction site?
CDEOU4-120508-SF21E-BOT	SF21	BOT	22.5	5/8/2012 10:11	TEMPERATURE	15.04	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21A-TOP	SF21	TOP	2.5	5/8/2012 10:11	TEMPERATURE	14.99	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21B-TOP	SF21	TOP	7.5	5/8/2012 10:11	TEMPERATURE	14.98	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21C-TOP	SF21	TOP	12.5	5/8/2012 10:11	TEMPERATURE	15.03	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21D-TOP	SF21	TOP	17.5	5/8/2012 10:11	TEMPERATURE	15	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF21E-TOP	SF21	TOP	22.5	5/8/2012 10:11	TEMPERATURE	15.04	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' feet wide)
CDEOU4-120508-SF22A-BOT	SF22	BOT	2.5	5/8/2012 10:26	TEMPERATURE	15.01	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22B-BOT	SF22	BOT	7.5	5/8/2012 10:26	TEMPERATURE	15.02	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22C-BOT	SF22	BOT	12.5	5/8/2012 10:26	TEMPERATURE	15.02	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22D-BOT	SF22	BOT	17.5	5/8/2012 10:26	TEMPERATURE	15.04	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22E-BOT	SF22	BOT	22.5	5/8/2012 10:26	TEMPERATURE	15.06	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22A-TOP	SF22	TOP	2.5	5/8/2012 10:26	TEMPERATURE	15	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22B-TOP	SF22	TOP	7.5	5/8/2012 10:26	TEMPERATURE	15.02	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22C-TOP	SF22	TOP	12.5	5/8/2012 10:26	TEMPERATURE	15.03	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22D-TOP	SF22	TOP	17.5	5/8/2012 10:26	TEMPERATURE	15.03	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF22E-TOP	SF22	TOP	22.5	5/8/2012 10:26	TEMPERATURE	15.05	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 4" feet wide)
CDEOU4-120508-SF23A-BOT	SF23	BOT	2.5	5/8/2012 10:36	TEMPERATURE	15.17	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23B-BOT	SF23	BOT	7.5	5/8/2012 10:36	TEMPERATURE	15.06	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23C-BOT	SF23	BOT	12.5	5/8/2012 10:36	TEMPERATURE	15.08	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23D-BOT	SF23	BOT	17.5	5/8/2012 10:36	TEMPERATURE	15.09	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108 - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF23A-TOP	SF23	TOP	2.5	5/8/2012 10:36	TEMPERATURE	15.09	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23B-TOP	SF23	TOP	7.5	5/8/2012 10:36	TEMPERATURE	15.09	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23C-TOP	SF23	TOP	12.5	5/8/2012 10:36	TEMPERATURE	15.08	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108
CDEOU4-120508-SF23D-TOP	SF23	TOP	17.5	5/8/2012 10:36	TEMPERATURE	15.09	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' 9" feet wide). 10 feet upstream of Penonni Stake 2108 - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF25A-BOT	SF25	BOT	2.5	5/8/2012 10:56	TEMPERATURE	15.13	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25B-BOT	SF25	BOT	7.5	5/8/2012 10:56	TEMPERATURE	15.12	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25C-BOT	SF25	BOT	12.5	5/8/2012 10:56	TEMPERATURE	15.12	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25D-BOT	SF25	BOT	17.5	5/8/2012 10:56	TEMPERATURE	15.15	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25E-BOT	SF25	BOT	22.5	5/8/2012 10:56	TEMPERATURE	15.13	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed (Very rocky)
CDEOU4-120508-SF25F-BOT	SF25	BOT	27.5	5/8/2012 10:56	TEMPERATURE	15.14	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed: Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF25A-TOP	SF25	TOP	2.5	5/8/2012 10:56	TEMPERATURE	15.12	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25B-TOP	SF25	TOP	7.5	5/8/2012 10:56	TEMPERATURE	15.11	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25C-TOP	SF25	TOP	12.5	5/8/2012 10:56	TEMPERATURE	15.12	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25D-TOP	SF25	TOP	17.5	5/8/2012 10:56	TEMPERATURE	15.13	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25E-TOP	SF25	TOP	22.5	5/8/2012 10:56	TEMPERATURE	15.13	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed
CDEOU4-120508-SF25F-TOP	SF25	TOP	27.5	5/8/2012 10:56	TEMPERATURE	15.14	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 9" feet wide). 60 feet downstream of culverts - very rocky on streambed: Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26A-BOT	SF26	BOT	2.5	5/8/2012 11:13	TEMPERATURE	15.27	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26B-BOT	SF26	BOT	7.5	5/8/2012 11:13	TEMPERATURE	15.23	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26C-BOT	SF26	BOT	12.5	5/8/2012 11:13	TEMPERATURE	15.22	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26D-BOT	SF26	BOT	17.5	5/8/2012 11:13	TEMPERATURE	15.23	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26E-BOT	SF26	BOT	22.5	5/8/2012 11:13	TEMPERATURE	15.27	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26A-TOP	SF26	TOP	2.5	5/8/2012 11:13	TEMPERATURE	15.27	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF26B-TOP	SF26	TOP	7.5	5/8/2012 11:13	TEMPERATURE	15.28	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26C-TOP	SF26	TOP	12.5	5/8/2012 11:13	TEMPERATURE	15.23	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26D-TOP	SF26	TOP	17.5	5/8/2012 11:13	TEMPERATURE	15.21	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF26E-TOP	SF26	TOP	22.5	5/8/2012 11:13	TEMPERATURE	15.24	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). 50 feet upstream of large debris pile, causing pooling and backwashing
CDEOU4-120508-SF27A-BOT	SF27	BOT	2.5	5/8/2012 11:45	TEMPERATURE	15.48	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27B-BOT	SF27	BOT	7.5	5/8/2012 11:45	TEMPERATURE	15.51	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27C-BOT	SF27	BOT	12.5	5/8/2012 11:45	TEMPERATURE	15.53	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27D-BOT	SF27	BOT	17.5	5/8/2012 11:45	TEMPERATURE	15.69	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27E-BOT	SF27	BOT	22.5	5/8/2012 11:45	TEMPERATURE	15.64	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27F-BOT	SF27	BOT	27.5	5/8/2012 11:45	TEMPERATURE	15.65	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field; a lot of organic matter on bottom
CDEOU4-120508-SF27A-TOP	SF27	TOP	2.5	5/8/2012 11:45	TEMPERATURE	15.66	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27B-TOP	SF27	TOP	7.5	5/8/2012 11:45	TEMPERATURE	15.51	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27C-TOP	SF27	TOP	12.5	5/8/2012 11:45	TEMPERATURE	15.51	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27D-TOP	SF27	TOP	17.5	5/8/2012 11:45	TEMPERATURE	15.69	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27E-TOP	SF27	TOP	22.5	5/8/2012 11:45	TEMPERATURE	15.78	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF27F-TOP	SF27	TOP	27.5	5/8/2012 11:45	TEMPERATURE	15.7	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' 5" feet wide). Penonni Stake 2105 - Downstream of debris field
CDEOU4-120508-SF28A-BOT	SF28	BOT	2.5	5/8/2012 11:58	TEMPERATURE	15.89	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF28B-BOT	SF28	BOT	7.5	5/8/2012 11:58	TEMPERATURE	15.69	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28C-BOT	SF28	BOT	12.5	5/8/2012 11:58	TEMPERATURE	15.71	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28D-BOT	SF28	BOT	17.5	5/8/2012 11:58	TEMPERATURE	15.67	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28E-BOT	SF28	BOT	22.5	5/8/2012 11:58	TEMPERATURE	15.65	Horiba U52 - Field measurement collected 22.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF28A-TOP	SF28	TOP	2.5	5/8/2012 11:58	TEMPERATURE	15.89	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF28B-TOP	SF28	TOP	7.5	5/8/2012 11:58	TEMPERATURE	15.67	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28C-TOP	SF28	TOP	12.5	5/8/2012 11:58	TEMPERATURE	15.7	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28D-TOP	SF28	TOP	17.5	5/8/2012 11:58	TEMPERATURE	15.71	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF28E-TOP	SF28	TOP	22.5	5/8/2012 11:58	TEMPERATURE	15.75	Horiba U52 - Field measurement collected 22.5 feet from left bank (24' 5" feet wide). Upstream of railroad bridge crossing
CDEOU4-120508-SF29A-BOT	SF29	BOT	2.5	5/8/2012 0:08	TEMPERATURE	15.67	Horiba U52 - Field measurement collected 2.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29B-BOT	SF29	BOT	7.5	5/8/2012 0:08	TEMPERATURE	15.7	Horiba U52 - Field measurement collected 7.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29C-BOT	SF29	BOT	12.5	5/8/2012 0:08	TEMPERATURE	15.71	Horiba U52 - Field measurement collected 12.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29D-BOT	SF29	BOT	17.5	5/8/2012 0:08	TEMPERATURE	15.7	Horiba U52 - Field measurement collected 17.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing - a lot of rocks/cobbles on stream bed; hard to get bottom measurement
CDEOU4-120508-SF29A-TOP	SF29	TOP	2.5	5/8/2012 0:08	TEMPERATURE	15.66	Horiba U52 - Field measurement collected 2.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29B-TOP	SF29	TOP	7.5	5/8/2012 0:08	TEMPERATURE	15.72	Horiba U52 - Field measurement collected 7.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29C-TOP	SF29	TOP	12.5	5/8/2012 0:08	TEMPERATURE	15.74	Horiba U52 - Field measurement collected 12.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF29D-TOP	SF29	TOP	17.5	5/8/2012 0:08	TEMPERATURE	15.7	Horiba U52 - Field measurement collected 17.5 feet from left bank (22' 5" feet wide). Downstream of railroad bridge crossing
CDEOU4-120508-SF30A-BOT	SF30	BOT	2.5	5/8/2012 0:25	TEMPERATURE	15.76	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30B-BOT	SF30	BOT	7.5	5/8/2012 0:25	TEMPERATURE	15.75	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30C-BOT	SF30	BOT	12.5	5/8/2012 0:25	TEMPERATURE	15.75	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30D-BOT	SF30	BOT	17.5	5/8/2012 0:25	TEMPERATURE	15.76	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30A-TOP	SF30	TOP	2.5	5/8/2012 0:25	TEMPERATURE	15.75	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30B-TOP	SF30	TOP	7.5	5/8/2012 0:25	TEMPERATURE	15.75	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' 1" feet wide). Bedrock outcrop
CDEOU4-120508-SF30C-TOP	SF30	TOP	12.5	5/8/2012 0:25	TEMPERATURE	15.75	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF30D-TOP	SF30	TOP	17.5	5/8/2012 0:25	TEMPERATURE	15.76	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' 1" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Bedrock outcrop
CDEOU4-120508-SF31A-BOT	SF31	BOT	2.5	5/8/2012 2:02	TEMPERATURE	16.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31B-BOT	SF31	BOT	7.5	5/8/2012 2:02	TEMPERATURE	16.35	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31C-BOT	SF31	BOT	12.5	5/8/2012 2:02	TEMPERATURE	16.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31D-BOT	SF31	BOT	17.5	5/8/2012 2:02	TEMPERATURE	16.29	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31A-TOP	SF31	TOP	2.5	5/8/2012 2:02	TEMPERATURE	16.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31B-TOP	SF31	TOP	7.5	5/8/2012 2:02	TEMPERATURE	16.68	Horiba U52 - Field measurement collected 7.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31C-TOP	SF31	TOP	12.5	5/8/2012 2:02	TEMPERATURE	16.65	Horiba U52 - Field measurement collected 12.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF31D-TOP	SF31	TOP	17.5	5/8/2012 2:02	TEMPERATURE	16.5	Horiba U52 - Field measurement collected 17.5 feet from left bank (24' 1" feet wide). rock out crop on B-side, a lot of rocks/cobbles on streambed; hard to get a measurement, tree and root debris on B-side: Between railroad bridge and walkway
CDEOU4-120508-SF32A-BOT	SF32	BOT	2.5	5/8/2012 2:17	TEMPERATURE	16.41	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32B-BOT	SF32	BOT	7.5	5/8/2012 2:17	TEMPERATURE	16.41	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32C-BOT	SF32	BOT	12.5	5/8/2012 2:17	TEMPERATURE	16.63	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32D-BOT	SF32	BOT	17.5	5/8/2012 2:17	TEMPERATURE	16.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32E-BOT	SF32	BOT	22.5	5/8/2012 2:17	TEMPERATURE	16.31	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32F-BOT	SF32	BOT	27.5	5/8/2012 2:17	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 27.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed - Up against A-side bank
CDEOU4-120508-SF32A-TOP	SF32	TOP	2.5	5/8/2012 2:17	TEMPERATURE	16.35	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32B-TOP	SF32	TOP	7.5	5/8/2012 2:17	TEMPERATURE	16.53	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32C-TOP	SF32	TOP	12.5	5/8/2012 2:17	TEMPERATURE	16.51	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32D-TOP	SF32	TOP	17.5	5/8/2012 2:17	TEMPERATURE	16.56	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32E-TOP	SF32	TOP	22.5	5/8/2012 2:17	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed
CDEOU4-120508-SF32F-TOP	SF32	TOP	27.5	5/8/2012 2:17	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 27.5 feet from left bank (27' 5" feet wide). Rocks/cobbles on streambed - Up against A-side bank
CDEOU4-120508-SF33A-BOT	SF33	BOT	2.5	5/8/2012 2:27	TEMPERATURE	16.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33B-BOT	SF33	BOT	7.5	5/8/2012 2:27	TEMPERATURE	16.25	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33C-BOT	SF33	BOT	12.5	5/8/2012 2:27	TEMPERATURE	16.26	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33D-BOT	SF33	BOT	17.5	5/8/2012 2:27	TEMPERATURE	16.28	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF33A-TOP	SF33	TOP	2.5	5/8/2012 2:27	TEMPERATURE	16.33	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33B-TOP	SF33	TOP	7.5	5/8/2012 2:27	TEMPERATURE	16.31	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33C-TOP	SF33	TOP	12.5	5/8/2012 2:27	TEMPERATURE	16.25	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed
CDEOU4-120508-SF33D-TOP	SF33	TOP	17.5	5/8/2012 2:27	TEMPERATURE	16.28	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' 5" feet wide). Bedrock outcrop with cobble and gravel on streambed - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF34A-BOT	SF34	BOT	2.5	5/8/2012 2:36	TEMPERATURE	16.32	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34B-BOT	SF34	BOT	7.5	5/8/2012 2:36	TEMPERATURE	16.24	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34C-BOT	SF34	BOT	12.5	5/8/2012 2:36	TEMPERATURE	16.26	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34D-BOT	SF34	BOT	17.5	5/8/2012 2:36	TEMPERATURE	16.34	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF34A-TOP	SF34	TOP	2.5	5/8/2012 2:36	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 2.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34B-TOP	SF34	TOP	7.5	5/8/2012 2:36	TEMPERATURE	16.24	Horiba U52 - Field measurement collected 7.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34C-TOP	SF34	TOP	12.5	5/8/2012 2:36	TEMPERATURE	16.25	Horiba U52 - Field measurement collected 12.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom
CDEOU4-120508-SF34D-TOP	SF34	TOP	17.5	5/8/2012 2:36	TEMPERATURE	16.34	Horiba U52 - Field measurement collected 17.5 feet from left bank (20' feet wide). Rocks/cobbles at streambed - hard to get measurement at bottom - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF35A-BOT	SF35	BOT	2.5	5/8/2012 2:46	TEMPERATURE	16.28	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35B-BOT	SF35	BOT	7.5	5/8/2012 2:46	TEMPERATURE	16.24	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35C-BOT	SF35	BOT	12.5	5/8/2012 2:46	TEMPERATURE	16.27	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35D-BOT	SF35	BOT	17.5	5/8/2012 2:46	TEMPERATURE	16.25	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35E-BOT	SF35	BOT	22.5	5/8/2012 2:46	TEMPERATURE	16.25	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35F-BOT	SF35	BOT	27.5	5/8/2012 2:46	TEMPERATURE	16.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF35A-TOP	SF35	TOP	2.5	5/8/2012 2:46	TEMPERATURE	16.29	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35B-TOP	SF35	TOP	7.5	5/8/2012 2:46	TEMPERATURE	16.23	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35C-TOP	SF35	TOP	12.5	5/8/2012 2:46	TEMPERATURE	16.27	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35D-TOP	SF35	TOP	17.5	5/8/2012 2:46	TEMPERATURE	16.28	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35E-TOP	SF35	TOP	22.5	5/8/2012 2:46	TEMPERATURE	16.27	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge
CDEOU4-120508-SF35F-TOP	SF35	TOP	27.5	5/8/2012 2:46	TEMPERATURE	16.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Upstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36A-BOT	SF36	BOT	2.5	5/8/2012 2:58	TEMPERATURE	16.31	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36B-BOT	SF36	BOT	7.5	5/8/2012 2:58	TEMPERATURE	16.28	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36C-BOT	SF36	BOT	12.5	5/8/2012 2:58	TEMPERATURE	16.29	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36D-BOT	SF36	BOT	17.5	5/8/2012 2:58	TEMPERATURE	16.22	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36E-BOT	SF36	BOT	22.5	5/8/2012 2:58	TEMPERATURE	16.27	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36A-TOP	SF36	TOP	2.5	5/8/2012 2:58	TEMPERATURE	16.31	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36B-TOP	SF36	TOP	7.5	5/8/2012 2:58	TEMPERATURE	16.28	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF36C-TOP	SF36	TOP	12.5	5/8/2012 2:58	TEMPERATURE	16.32	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36D-TOP	SF36	TOP	17.5	5/8/2012 2:58	TEMPERATURE	16.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF36E-TOP	SF36	TOP	22.5	5/8/2012 2:58	TEMPERATURE	16.24	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 5" feet wide). Underneath Lakeview Avenue Bridge
CDEOU4-120508-SF37A-BOT	SF37	BOT	2.5	5/8/2012 3:05	TEMPERATURE	16.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37B-BOT	SF37	BOT	7.5	5/8/2012 3:05	TEMPERATURE	16.28	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF37C-BOT	SF37	BOT	12.5	5/8/2012 3:05	TEMPERATURE	16.24	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37D-BOT	SF37	BOT	17.5	5/8/2012 3:05	TEMPERATURE	16.24	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37A-TOP	SF37	TOP	2.5	5/8/2012 3:05	TEMPERATURE	16.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37B-TOP	SF37	TOP	7.5	5/8/2012 3:05	TEMPERATURE	16.28	Horiba U52 - Field measurement collected 7.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - Shallow Water: TOP sample equals BOTTOM sample - rocky streambed, hard to get measurement at bottom
CDEOU4-120508-SF37C-TOP	SF37	TOP	12.5	5/8/2012 3:05	TEMPERATURE	16.25	Horiba U52 - Field measurement collected 12.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120508-SF37D-TOP	SF37	TOP	17.5	5/8/2012 3:05	TEMPERATURE	16.26	Horiba U52 - Field measurement collected 17.5 feet from left bank (19' feet wide). Downstream of Lakeview Avenue Bridge - rocky streambed - hard to get measurement at bottom
CDEOU4-120507-SF1A-BOT	SF1	BOT	2.5	5/7/2012 10:15	CONDUCTIVITY	0.656	Horiba U52 - Field measurement collected 2.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1B-BOT	SF1	BOT	7.5	5/7/2012 10:15	CONDUCTIVITY	0.656	Horiba U52 - Field measurement collected 7.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1C-BOT	SF1	BOT	12.5	5/7/2012 10:15	CONDUCTIVITY	0.659	Horiba U52 - Field measurement collected 12.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1D-BOT	SF1	BOT	17.5	5/7/2012 10:15	CONDUCTIVITY	0.651	Horiba U52 - Field measurement collected 17.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1A-TOP	SF1	TOP	2.5	5/7/2012 10:15	CONDUCTIVITY	0.65	Horiba U52 - Field measurement collected 2.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1B-TOP	SF1	TOP	7.5	5/7/2012 10:15	CONDUCTIVITY	0.653	Horiba U52 - Field measurement collected 7.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1C-TOP	SF1	TOP	12.5	5/7/2012 10:15	CONDUCTIVITY	0.656	Horiba U52 - Field measurement collected 12.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1D-TOP	SF1	TOP	17.5	5/7/2012 10:15	CONDUCTIVITY	0.654	Horiba U52 - Field measurement collected 17.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF2A-BOT	SF2	BOT	2.5	5/7/2012 10:42	CONDUCTIVITY	0.647	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2B-BOT	SF2	BOT	7.5	5/7/2012 10:42	CONDUCTIVITY	0.657	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2C-BOT	SF2	BOT	12.5	5/7/2012 10:42	CONDUCTIVITY	0.661	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2D-BOT	SF2	BOT	17.5	5/7/2012 10:42	CONDUCTIVITY	0.661	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2E-BOT	SF2	BOT	22.5	5/7/2012 10:42	CONDUCTIVITY	0.658	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2A-TOP	SF2	TOP	2.5	5/7/2012 10:42	CONDUCTIVITY	0.563	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2B-TOP	SF2	TOP	7.5	5/7/2012 10:42	CONDUCTIVITY	0.658	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2C-TOP	SF2	TOP	12.5	5/7/2012 10:42	CONDUCTIVITY	0.658	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2D-TOP	SF2	TOP	17.5	5/7/2012 10:42	CONDUCTIVITY	0.661	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2E-TOP	SF2	TOP	22.5	5/7/2012 10:42	CONDUCTIVITY	0.655	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF3A-BOT	SF3	BOT	2.5	5/7/2012 11:02	CONDUCTIVITY	0.681	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3B-BOT	SF3	BOT	7.5	5/7/2012 11:02	CONDUCTIVITY	0.673	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3C-BOT	SF3	BOT	12.5	5/7/2012 11:02	CONDUCTIVITY	0.671	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). Shallow water: TOP sample equals BOTTOM sample
CDEOU4-120507-SF3D-BOT	SF3	BOT	17.5	5/7/2012 11:02	CONDUCTIVITY	0.655	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3E-BOT	SF3	BOT	22.5	5/7/2012 11:02	CONDUCTIVITY	0.657	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3F-BOT	SF3	BOT	27.5	5/7/2012 11:02	CONDUCTIVITY	0.659	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3G-BOT	SF3	BOT	32.5	5/7/2012 11:02	CONDUCTIVITY	0.658	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3A-TOP	SF3	TOP	2.5	5/7/2012 11:02	CONDUCTIVITY	0.68	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3B-TOP	SF3	TOP	7.5	5/7/2012 11:02	CONDUCTIVITY	0.579	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3C-TOP	SF3	TOP	12.5	5/7/2012 11:02	CONDUCTIVITY	0.671	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). Shallow water: TOP sample equals BOTTOM sample
CDEOU4-120507-SF3D-TOP	SF3	TOP	17.5	5/7/2012 11:02	CONDUCTIVITY	0.657	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3E-TOP	SF3	TOP	22.5	5/7/2012 11:02	CONDUCTIVITY	0.658	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3F-TOP	SF3	TOP	27.5	5/7/2012 11:02	CONDUCTIVITY	0.66	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3G-TOP	SF3	TOP	32.5	5/7/2012 11:02	CONDUCTIVITY	0.66	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF4A-BOT	SF4	BOT	2.5	5/7/2012 11:41	CONDUCTIVITY	0.657	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4B-BOT	SF4	BOT	7.5	5/7/2012 11:41	CONDUCTIVITY	0.658	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4C-BOT	SF4	BOT	12.5	5/7/2012 11:41	CONDUCTIVITY	0.658	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4D-BOT	SF4	BOT	17.5	5/7/2012 11:41	CONDUCTIVITY	0.659	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4E-BOT	SF4	BOT	22.5	5/7/2012 11:41	CONDUCTIVITY	0.66	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4A-TOP	SF4	TOP	2.5	5/7/2012 11:41	CONDUCTIVITY	0.657	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4B-TOP	SF4	TOP	7.5	5/7/2012 11:41	CONDUCTIVITY	0.658	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4C-TOP	SF4	TOP	12.5	5/7/2012 11:41	CONDUCTIVITY	0.659	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4D-TOP	SF4	TOP	17.5	5/7/2012 11:41	CONDUCTIVITY	0.66	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4E-TOP	SF4	TOP	22.5	5/7/2012 11:41	CONDUCTIVITY	0.66	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF5A-BOT	SF5	BOT	2.5	5/7/2012 0:21	CONDUCTIVITY		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). No Reading - Log obstructing measurement
CDEOU4-120507-SF5B-BOT	SF5	BOT	7.5	5/7/2012 0:21	CONDUCTIVITY	0.656	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5C-BOT	SF5	BOT	12.5	5/7/2012 0:21	CONDUCTIVITY	0.659	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5D-BOT	SF5	BOT	17.5	5/7/2012 0:21	CONDUCTIVITY	0.659	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5E-BOT	SF5	BOT	22.5	5/7/2012 0:21	CONDUCTIVITY		Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Debris obstructing bottom measurement
CDEOU4-120507-SF5A-TOP	SF5	TOP	2.5	5/7/2012 0:21	CONDUCTIVITY		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). No Reading - Log obstructing measurement
CDEOU4-120507-SF5B-TOP	SF5	TOP	7.5	5/7/2012 0:21	CONDUCTIVITY	0.657	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5C-TOP	SF5	TOP	12.5	5/7/2012 0:21	CONDUCTIVITY	0.661	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5D-TOP	SF5	TOP	17.5	5/7/2012 0:21	CONDUCTIVITY	0.661	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5E-TOP	SF5	TOP	22.5	5/7/2012 0:21	CONDUCTIVITY	0.656	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF6A-BOT	SF6	BOT	2.5	5/7/2012 2:02	CONDUCTIVITY	0.648	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). Shallow Water: TOP sample equals BOTTOM sample - B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6B-BOT	SF6	BOT	7.5	5/7/2012 2:02	CONDUCTIVITY	0.646	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6C-BOT	SF6	BOT	12.5	5/7/2012 2:02	CONDUCTIVITY	0.65	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6D-BOT	SF6	BOT	17.5	5/7/2012 2:02	CONDUCTIVITY	0.657	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6E-BOT	SF6	BOT	22.5	5/7/2012 2:02	CONDUCTIVITY	0.651	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6F-BOT	SF6	BOT	27.5	5/7/2012 2:02	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6G-BOT	SF6	BOT	32.5	5/7/2012 2:02	CONDUCTIVITY	0.651	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6A-TOP	SF6	TOP	2.5	5/7/2012 2:02	CONDUCTIVITY	0.648	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). Shallow Water: TOP sample equals BOTTOM sample - B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6B-TOP	SF6	TOP	7.5	5/7/2012 2:02	CONDUCTIVITY	0.649	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6C-TOP	SF6	TOP	12.5	5/7/2012 2:02	CONDUCTIVITY	0.657	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6D-TOP	SF6	TOP	17.5	5/7/2012 2:02	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6E-TOP	SF6	TOP	22.5	5/7/2012 2:02	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6F-TOP	SF6	TOP	27.5	5/7/2012 2:02	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6G-TOP	SF6	TOP	32.5	5/7/2012 2:02	CONDUCTIVITY	0.648	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF7A-BOT	SF7	BOT	2.5	5/7/2012 2:42	CONDUCTIVITY	0.65	Horiba U52 - Field measurement collected 2.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7B-BOT	SF7	BOT	7.5	5/7/2012 2:42	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 7.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7C-BOT	SF7	BOT	12.5	5/7/2012 2:42	CONDUCTIVITY	0.653	Horiba U52 - Field measurement collected 12.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7D-BOT	SF7	BOT	17.5	5/7/2012 2:42	CONDUCTIVITY	0.653	Horiba U52 - Field measurement collected 17.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7E-BOT	SF7	BOT	22.5	5/7/2012 2:42	CONDUCTIVITY	0.651	Horiba U52 - Field measurement collected 22.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7F-BOT	SF7	BOT	27.5	5/7/2012 2:42	CONDUCTIVITY	0.653	Horiba U52 - Field measurement collected 27.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7G-BOT	SF7	BOT	32.5	5/7/2012 2:42	CONDUCTIVITY	0.657	Horiba U52 - Field measurement collected 32.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7A-TOP	SF7	TOP	2.5	5/7/2012 2:42	CONDUCTIVITY	0.651	Horiba U52 - Field measurement collected 2.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7B-TOP	SF7	TOP	7.5	5/7/2012 2:42	CONDUCTIVITY	0.649	Horiba U52 - Field measurement collected 7.5 feet from left bank (36' 5" feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120507-SF7C-TOP	SF7	TOP	12.5	5/7/2012 2:42	CONDUCTIVITY	0.653	Horiba U52 - Field measurement collected 12.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7D-TOP	SF7	TOP	17.5	5/7/2012 2:42	CONDUCTIVITY	0.653	Horiba U52 - Field measurement collected 17.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7E-TOP	SF7	TOP	22.5	5/7/2012 2:42	CONDUCTIVITY	0.654	Horiba U52 - Field measurement collected 22.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7F-TOP	SF7	TOP	27.5	5/7/2012 2:42	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 27.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7G-TOP	SF7	TOP	32.5	5/7/2012 2:42	CONDUCTIVITY	0.655	Horiba U52 - Field measurement collected 32.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF8A-BOT	SF8	BOT	2.5	5/7/2012 3:06	CONDUCTIVITY	0.651	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8B-BOT	SF8	BOT	7.5	5/7/2012 3:06	CONDUCTIVITY	0.647	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8C-BOT	SF8	BOT	12.5	5/7/2012 3:06	CONDUCTIVITY	0.658	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8D-BOT	SF8	BOT	17.5	5/7/2012 3:06	CONDUCTIVITY	0.654	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8E-BOT	SF8	BOT	22.5	5/7/2012 3:06	CONDUCTIVITY	0.656	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8F-BOT	SF8	BOT	27.5	5/7/2012 3:06	CONDUCTIVITY	0.659	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8A-TOP	SF8	TOP	2.5	5/7/2012 3:06	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8B-TOP	SF8	TOP	7.5	5/7/2012 3:06	CONDUCTIVITY	0.648	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8C-TOP	SF8	TOP	12.5	5/7/2012 3:06	CONDUCTIVITY	0.649	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8D-TOP	SF8	TOP	17.5	5/7/2012 3:06	CONDUCTIVITY	0.654	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8E-TOP	SF8	TOP	22.5	5/7/2012 3:06	CONDUCTIVITY	0.654	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8F-TOP	SF8	TOP	27.5	5/7/2012 3:06	CONDUCTIVITY	0.658	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF9A-BOT	SF9	BOT	2.5	5/7/2012 3:37	CONDUCTIVITY	0.638	Horiba U52 - Field measurement collected 2.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9B-BOT	SF9	BOT	7.5	5/7/2012 3:37	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 7.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9C-BOT	SF9	BOT	12.5	5/7/2012 3:37	CONDUCTIVITY	0.65	Horiba U52 - Field measurement collected 12.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9D-BOT	SF9	BOT	17.5	5/7/2012 3:37	CONDUCTIVITY		Horiba U52 - Field measurement collected 17.5 feet from left bank (39' feet wide). Measurement OMITTED - bad placement (barrel in way)
CDEOU4-120507-SF9E-BOT	SF9	BOT	22.5	5/7/2012 3:37	CONDUCTIVITY	0.646	Horiba U52 - Field measurement collected 22.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9F-BOT	SF9	BOT	27.5	5/7/2012 3:37	CONDUCTIVITY		Horiba U52 - Field measurement collected 27.5 feet from left bank (39' feet wide). No bottom measurement due to obstruction from debris
CDEOU4-120507-SF9G-BOT	SF9	BOT	32.5	5/7/2012 3:37	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 32.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9A-TOP	SF9	TOP	2.5	5/7/2012 3:37	CONDUCTIVITY	0.649	Horiba U52 - Field measurement collected 2.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9B-TOP	SF9	TOP	7.5	5/7/2012 3:37	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 7.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9C-TOP	SF9	TOP	12.5	5/7/2012 3:37	CONDUCTIVITY	0.65	Horiba U52 - Field measurement collected 12.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9D-TOP	SF9	TOP	17.5	5/7/2012 3:37	CONDUCTIVITY		Horiba U52 - Field measurement collected 17.5 feet from left bank (39' feet wide). Measurement OMITTED - bad placement (barrel in way)
CDEOU4-120507-SF9E-TOP	SF9	TOP	22.5	5/7/2012 3:37	CONDUCTIVITY	0.648	Horiba U52 - Field measurement collected 22.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9F-TOP	SF9	TOP	27.5	5/7/2012 3:37	CONDUCTIVITY	0.646	Horiba U52 - Field measurement collected 27.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9G-TOP	SF9	TOP	32.5	5/7/2012 3:37	CONDUCTIVITY	0.651	Horiba U52 - Field measurement collected 32.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF10A-BOT	SF10	BOT	2.5	5/7/2012 3:58	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 2.5 feet from left bank (34' 8" feet wide). Underneath Reeds
CDEOU4-120507-SF10B-BOT	SF10	BOT	7.5	5/7/2012 3:58	CONDUCTIVITY	0.653	Horiba U52 - Field measurement collected 7.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10C-BOT	SF10	BOT	12.5	5/7/2012 3:58	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 12.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10D-BOT	SF10	BOT	17.5	5/7/2012 3:58	CONDUCTIVITY	0.65	Horiba U52 - Field measurement collected 17.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10E-BOT	SF10	BOT	22.5	5/7/2012 3:58	CONDUCTIVITY	0.649	Horiba U52 - Field measurement collected 22.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10F-BOT	SF10	BOT	27.5	5/7/2012 3:58	CONDUCTIVITY	0.655	Horiba U52 - Field measurement collected 27.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10G-BOT	SF10	BOT	32.5	5/7/2012 3:58	CONDUCTIVITY	0.658	Horiba U52 - Field measurement collected 32.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10A-TOP	SF10	TOP	2.5	5/7/2012 3:58	CONDUCTIVITY	0.654	Horiba U52 - Field measurement collected 2.5 feet from left bank (34' 8" feet wide). Underneath Reeds
CDEOU4-120507-SF10B-TOP	SF10	TOP	7.5	5/7/2012 3:58	CONDUCTIVITY	0.651	Horiba U52 - Field measurement collected 7.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10C-TOP	SF10	TOP	12.5	5/7/2012 3:58	CONDUCTIVITY	0.651	Horiba U52 - Field measurement collected 12.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10D-TOP	SF10	TOP	17.5	5/7/2012 3:58	CONDUCTIVITY	0.651	Horiba U52 - Field measurement collected 17.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10E-TOP	SF10	TOP	22.5	5/7/2012 3:58	CONDUCTIVITY	0.648	Horiba U52 - Field measurement collected 22.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10F-TOP	SF10	TOP	27.5	5/7/2012 3:58	CONDUCTIVITY	0.655	Horiba U52 - Field measurement collected 27.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10G-TOP	SF10	TOP	32.5	5/7/2012 3:58	CONDUCTIVITY	0.659	Horiba U52 - Field measurement collected 32.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF11A-BOT	SF11	BOT	2.5	5/7/2012 4:15	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11B-BOT	SF11	BOT	7.5	5/7/2012 4:15	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11C-BOT	SF11	BOT	12.5	5/7/2012 4:15	CONDUCTIVITY	0.653	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11D-BOT	SF11	BOT	17.5	5/7/2012 4:15	CONDUCTIVITY	0.655	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11E-BOT	SF11	BOT	22.5	5/7/2012 4:15	CONDUCTIVITY	0.653	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11A-TOP	SF11	TOP	2.5	5/7/2012 4:15	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11B-TOP	SF11	TOP	7.5	5/7/2012 4:15	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11C-TOP	SF11	TOP	12.5	5/7/2012 4:15	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11D-TOP	SF11	TOP	17.5	5/7/2012 4:15	CONDUCTIVITY	0.653	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11E-TOP	SF11	TOP	22.5	5/7/2012 4:15	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF12A-BOT	SF12	BOT	2.5	5/7/2012 4:43	CONDUCTIVITY	0.651	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12B-BOT	SF12	BOT	7.5	5/7/2012 4:43	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12C-BOT	SF12	BOT	12.5	5/7/2012 4:43	CONDUCTIVITY	0.651	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12D-BOT	SF12	BOT	17.5	5/7/2012 4:43	CONDUCTIVITY	0.647	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12E-BOT	SF12	BOT	22.5	5/7/2012 4:43	CONDUCTIVITY	0.651	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12F-BOT	SF12	BOT	27.5	5/7/2012 4:43	CONDUCTIVITY	0.65	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12A-TOP	SF12	TOP	2.5	5/7/2012 4:43	CONDUCTIVITY	0.651	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12B-TOP	SF12	TOP	7.5	5/7/2012 4:43	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12C-TOP	SF12	TOP	12.5	5/7/2012 4:43	CONDUCTIVITY	0.65	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12D-TOP	SF12	TOP	17.5	5/7/2012 4:43	CONDUCTIVITY	0.652	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12E-TOP	SF12	TOP	22.5	5/7/2012 4:43	CONDUCTIVITY	0.657	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12F-TOP	SF12	TOP	27.5	5/7/2012 4:43	CONDUCTIVITY	0.649	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120508-SF38A-BOT	SF38	BOT	2.5	5/8/2012 3:18	CONDUCTIVITY	0.735	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38B-BOT	SF38	BOT	7.5	5/8/2012 3:18	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38C-BOT	SF38	BOT	12.5	5/8/2012 3:18	CONDUCTIVITY	0.731	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38D-BOT	SF38	BOT	17.5	5/8/2012 3:18	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38E-BOT	SF38	BOT	22.5	5/8/2012 3:18	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38A-TOP	SF38	TOP	2.5	5/8/2012 3:18	CONDUCTIVITY	0.735	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38B-TOP	SF38	TOP	7.5	5/8/2012 3:18	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38C-TOP	SF38	TOP	12.5	5/8/2012 3:18	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38D-TOP	SF38	TOP	17.5	5/8/2012 3:18	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38E-TOP	SF38	TOP	22.5	5/8/2012 3:18	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF39A-BOT	SF39	BOT	2.5	5/8/2012 3:33	CONDUCTIVITY	0.733	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39B-BOT	SF39	BOT	7.5	5/8/2012 3:33	CONDUCTIVITY	0.732	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39C-BOT	SF39	BOT	12.5	5/8/2012 3:33	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39D-BOT	SF39	BOT	17.5	5/8/2012 3:33	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 5" feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF39E-BOT	SF39	BOT	22.5	5/8/2012 3:33	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39F-BOT	SF39	BOT	27.5	5/8/2012 3:33	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF39A-TOP	SF39	TOP	2.5	5/8/2012 3:33	CONDUCTIVITY	0.732	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39B-TOP	SF39	TOP	7.5	5/8/2012 3:33	CONDUCTIVITY	0.731	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39C-TOP	SF39	TOP	12.5	5/8/2012 3:33	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39D-TOP	SF39	TOP	17.5	5/8/2012 3:33	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39E-TOP	SF39	TOP	22.5	5/8/2012 3:33	CONDUCTIVITY	0.724	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39F-TOP	SF39	TOP	27.5	5/8/2012 3:33	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF40A-BOT	SF40	BOT	2.5	5/8/2012 4:00	CONDUCTIVITY	0.732	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40B-BOT	SF40	BOT	7.5	5/8/2012 4:00	CONDUCTIVITY	0.73	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40C-BOT	SF40	BOT	12.5	5/8/2012 4:00	CONDUCTIVITY	0.73	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40D-BOT	SF40	BOT	17.5	5/8/2012 4:00	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40E-BOT	SF40	BOT	22.5	5/8/2012 4:00	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40F-BOT	SF40	BOT	27.5	5/8/2012 4:00	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 27.5 feet from left bank (30' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Sandy Streambed
CDEOU4-120508-SF40A-TOP	SF40	TOP	2.5	5/8/2012 4:00	CONDUCTIVITY	0.732	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40B-TOP	SF40	TOP	7.5	5/8/2012 4:00	CONDUCTIVITY	0.73	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40C-TOP	SF40	TOP	12.5	5/8/2012 4:00	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40D-TOP	SF40	TOP	17.5	5/8/2012 4:00	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40E-TOP	SF40	TOP	22.5	5/8/2012 4:00	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40F-TOP	SF40	TOP	27.5	5/8/2012 4:00	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 27.5 feet from left bank (30' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Sandy Streambed
CDEOU4-120508-SF41A-BOT	SF41	BOT	2.5	5/8/2012 4:40	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41B-BOT	SF41	BOT	7.5	5/8/2012 4:40	CONDUCTIVITY	0.731	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41C-BOT	SF41	BOT	12.5	5/8/2012 4:40	CONDUCTIVITY	0.731	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41D-BOT	SF41	BOT	17.5	5/8/2012 4:40	CONDUCTIVITY	0.73	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41E-BOT	SF41	BOT	22.5	5/8/2012 4:40	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41F-BOT	SF41	BOT	27.5	5/8/2012 4:40	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41A-TOP	SF41	TOP	2.5	5/8/2012 4:40	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41B-TOP	SF41	TOP	7.5	5/8/2012 4:40	CONDUCTIVITY	0.731	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41C-TOP	SF41	TOP	12.5	5/8/2012 4:40	CONDUCTIVITY	0.731	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41D-TOP	SF41	TOP	17.5	5/8/2012 4:40	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41E-TOP	SF41	TOP	22.5	5/8/2012 4:40	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41F-TOP	SF41	TOP	27.5	5/8/2012 4:40	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF42A-BOT	SF42	BOT	2.5	5/8/2012 4:45	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42B-BOT	SF42	BOT	7.5	5/8/2012 4:45	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42C-BOT	SF42	BOT	12.5	5/8/2012 4:45	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42D-BOT	SF42	BOT	17.5	5/8/2012 4:45	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42E-BOT	SF42	BOT	22.5	5/8/2012 4:45	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42F-BOT	SF42	BOT	27.5	5/8/2012 4:45	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42A-TOP	SF42	TOP	2.5	5/8/2012 4:45	CONDUCTIVITY	0.729	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42B-TOP	SF42	TOP	7.5	5/8/2012 4:45	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42C-TOP	SF42	TOP	12.5	5/8/2012 4:45	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42D-TOP	SF42	TOP	17.5	5/8/2012 4:45	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42E-TOP	SF42	TOP	22.5	5/8/2012 4:45	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42F-TOP	SF42	TOP	27.5	5/8/2012 4:45	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF47A-BOT	SF47	BOT	2.5	5/8/2012 5:12	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47B-BOT	SF47	BOT	7.5	5/8/2012 5:12	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47C-BOT	SF47	BOT	12.5	5/8/2012 5:12	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47D-BOT	SF47	BOT	17.5	5/8/2012 5:12	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47E-BOT	SF47	BOT	22.5	5/8/2012 5:12	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47A-TOP	SF47	TOP	2.5	5/8/2012 5:12	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47B-TOP	SF47	TOP	7.5	5/8/2012 5:12	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47C-TOP	SF47	TOP	12.5	5/8/2012 5:12	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47D-TOP	SF47	TOP	17.5	5/8/2012 5:12	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47E-TOP	SF47	TOP	22.5	5/8/2012 5:12	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF49A-BOT	SF49	BOT	2.5	5/8/2012 5:20	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF49B-BOT	SF49	BOT	7.5	5/8/2012 5:20	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49C-BOT	SF49	BOT	12.5	5/8/2012 5:20	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49D-BOT	SF49	BOT	17.5	5/8/2012 5:20	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' feet wide). Sample taken against A-side bank with tree roots
CDEOU4-120508-SF49A-TOP	SF49	TOP	2.5	5/8/2012 5:20	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF49B-TOP	SF49	TOP	7.5	5/8/2012 5:20	CONDUCTIVITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49C-TOP	SF49	TOP	12.5	5/8/2012 5:20	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49D-TOP	SF49	TOP	17.5	5/8/2012 5:20	CONDUCTIVITY	0.727	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' feet wide). Sample taken against A-side bank with tree roots
CDEOU4-120508-SF51A-BOT	SF51	BOT	2.5	5/8/2012 5:26	CONDUCTIVITY	0.724	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51B-BOT	SF51	BOT	7.5	5/8/2012 5:26	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51C-BOT	SF51	BOT	12.5	5/8/2012 5:26	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51D-BOT	SF51	BOT	17.5	5/8/2012 5:26	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51E-BOT	SF51	BOT	22.5	5/8/2012 5:26	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51A-TOP	SF51	TOP	2.5	5/8/2012 5:26	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51B-TOP	SF51	TOP	7.5	5/8/2012 5:26	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51C-TOP	SF51	TOP	12.5	5/8/2012 5:26	CONDUCTIVITY	0.725	Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51D-TOP	SF51	TOP	17.5	5/8/2012 5:26	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51E-TOP	SF51	TOP	22.5	5/8/2012 5:26	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53A-BOT	SF53	BOT	2.5	5/8/2012	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53B-BOT	SF53	BOT	7.5	5/8/2012	CONDUCTIVITY	0.713	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53C-BOT	SF53	BOT	12.5	5/8/2012	CONDUCTIVITY		Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53D-BOT	SF53	BOT	17.5	5/8/2012	CONDUCTIVITY		Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53E-BOT	SF53	BOT	22.5	5/8/2012	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53F-BOT	SF53	BOT	27.5	5/8/2012	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 27.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF53A-TOP	SF53	TOP	2.5	5/8/2012	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53B-TOP	SF53	TOP	7.5	5/8/2012	CONDUCTIVITY	0.713	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53C-TOP	SF53	TOP	12.5	5/8/2012	CONDUCTIVITY		Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF53D-TOP	SF53	TOP	17.5	5/8/2012	CONDUCTIVITY		Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53E-TOP	SF53	TOP	22.5	5/8/2012	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53F-TOP	SF53	TOP	27.5	5/8/2012	CONDUCTIVITY	0.724	Horiba U52 - Field measurement collected 27.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF55A-BOT	SF55	BOT	2.5	5/8/2012	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55B-BOT	SF55	BOT	7.5	5/8/2012	CONDUCTIVITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55C-BOT	SF55	BOT	12.5	5/8/2012	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55D-BOT	SF55	BOT	17.5	5/8/2012	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55E-BOT	SF55	BOT	22.5	5/8/2012	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55F-BOT	SF55	BOT	27.5	5/8/2012	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55A-TOP	SF55	TOP	2.5	5/8/2012	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55B-TOP	SF55	TOP	7.5	5/8/2012	CONDUCTIVITY	0.714	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55C-TOP	SF55	TOP	12.5	5/8/2012	CONDUCTIVITY	0.71	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55D-TOP	SF55	TOP	17.5	5/8/2012	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55E-TOP	SF55	TOP	22.5	5/8/2012	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55F-TOP	SF55	TOP	27.5	5/8/2012	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF57A-BOT	SF57	BOT	2.5	5/8/2012	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57B-BOT	SF57	BOT	7.5	5/8/2012	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57C-BOT	SF57	BOT	12.5	5/8/2012	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57D-BOT	SF57	BOT	17.5	5/8/2012	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57E-BOT	SF57	BOT	22.5	5/8/2012	CONDUCTIVITY	0.724	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57F-BOT	SF57	BOT	27.5	5/8/2012	CONDUCTIVITY	0.721	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57A-TOP	SF57	TOP	2.5	5/8/2012	CONDUCTIVITY	0.724	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57B-TOP	SF57	TOP	7.5	5/8/2012	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57C-TOP	SF57	TOP	12.5	5/8/2012	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57D-TOP	SF57	TOP	17.5	5/8/2012	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57E-TOP	SF57	TOP	22.5	5/8/2012	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57F-TOP	SF57	TOP	27.5	5/8/2012	CONDUCTIVITY	0.723	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF59A-BOT	SF59	BOT	2.5	5/8/2012	CONDUCTIVITY	0.721	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59B-BOT	SF59	BOT	7.5	5/8/2012	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59C-BOT	SF59	BOT	12.5	5/8/2012	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59D-BOT	SF59	BOT	17.5	5/8/2012	CONDUCTIVITY	0.721	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59E-BOT	SF59	BOT	22.5	5/8/2012	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59F-BOT	SF59	BOT	25.5	5/8/2012	CONDUCTIVITY	0.716	Horiba U52 - Field measurement collected 25.5 feet from left bank (27' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF59A-TOP	SF59	TOP	2.5	5/8/2012	CONDUCTIVITY	0.721	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59B-TOP	SF59	TOP	7.5	5/8/2012	CONDUCTIVITY	0.721	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59C-TOP	SF59	TOP	12.5	5/8/2012	CONDUCTIVITY	0.722	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59D-TOP	SF59	TOP	17.5	5/8/2012	CONDUCTIVITY	0.72	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59E-TOP	SF59	TOP	22.5	5/8/2012	CONDUCTIVITY	0.719	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59F-TOP	SF59	TOP	25.5	5/8/2012	CONDUCTIVITY	0.716	Horiba U52 - Field measurement collected 25.5 feet from left bank (27' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SFMMDA-TOP-DOWN	SFMMD	TOP	15	5/8/2012 5:00	CONDUCTIVITY	0.718	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Downstream side of Manmade Dam - On middle of dam. Attempt 1
CDEOU4-120508-SFMMDB-TOP-DOWN	SFMMD	TOP	15	5/8/2012 5:00	CONDUCTIVITY	0.712	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Downstream side of Manmade Dam - On middle of dam. Attempt 2
CDEOU4-120508-SFMMDB-TOP-UP	SFMMD	TOP	15	5/8/2012 5:00	CONDUCTIVITY	0.726	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Upstream side of Manmade Dam - On middle of dam. Attempt 2
CDEOU4-120508-SFMMDA-TOP-UP	SFMMD	TOP	15	5/8/2012 5:00	CONDUCTIVITY	0.728	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Upstream side of Manmade Dam - On middle of dam. Attempt 1
CDEOU4-120507-SF1A-BOT	SF1	BOT	2.5	5/7/2012 10:15	DISSOLVED OXYGEN	9.1	Horiba U52 - Field measurement collected 2.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1B-BOT	SF1	BOT	7.5	5/7/2012 10:15	DISSOLVED OXYGEN	9.26	Horiba U52 - Field measurement collected 7.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1C-BOT	SF1	BOT	12.5	5/7/2012 10:15	DISSOLVED OXYGEN	9.12	Horiba U52 - Field measurement collected 12.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1D-BOT	SF1	BOT	17.5	5/7/2012 10:15	DISSOLVED OXYGEN	7.57	Horiba U52 - Field measurement collected 17.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1A-TOP	SF1	TOP	2.5	5/7/2012 10:15	DISSOLVED OXYGEN	9.44	Horiba U52 - Field measurement collected 2.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1B-TOP	SF1	TOP	7.5	5/7/2012 10:15	DISSOLVED OXYGEN	9.71	Horiba U52 - Field measurement collected 7.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1C-TOP	SF1	TOP	12.5	5/7/2012 10:15	DISSOLVED OXYGEN	9.86	Horiba U52 - Field measurement collected 12.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1D-TOP	SF1	TOP	17.5	5/7/2012 10:15	DISSOLVED OXYGEN	9.43	Horiba U52 - Field measurement collected 17.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF2A-BOT	SF2	BOT	2.5	5/7/2012 10:42	DISSOLVED OXYGEN	6.7	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2B-BOT	SF2	BOT	7.5	5/7/2012 10:42	DISSOLVED OXYGEN	8.36	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2C-BOT	SF2	BOT	12.5	5/7/2012 10:42	DISSOLVED OXYGEN	8.02	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2D-BOT	SF2	BOT	17.5	5/7/2012 10:42	DISSOLVED OXYGEN	7.26	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2E-BOT	SF2	BOT	22.5	5/7/2012 10:42	DISSOLVED OXYGEN	8.13	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2A-TOP	SF2	TOP	2.5	5/7/2012 10:42	DISSOLVED OXYGEN	8.2	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2B-TOP	SF2	TOP	7.5	5/7/2012 10:42	DISSOLVED OXYGEN	9.04	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2C-TOP	SF2	TOP	12.5	5/7/2012 10:42	DISSOLVED OXYGEN	8.57	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2D-TOP	SF2	TOP	17.5	5/7/2012 10:42	DISSOLVED OXYGEN	8.58	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2E-TOP	SF2	TOP	22.5	5/7/2012 10:42	DISSOLVED OXYGEN	8.13	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF3A-BOT	SF3	BOT	2.5	5/7/2012 11:02	DISSOLVED OXYGEN	9.7	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3B-BOT	SF3	BOT	7.5	5/7/2012 11:02	DISSOLVED OXYGEN	3.51	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3C-BOT	SF3	BOT	12.5	5/7/2012 11:02	DISSOLVED OXYGEN	5.07	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). Shallow water: TOP sample equals BOTTOM sample
CDEOU4-120507-SF3D-BOT	SF3	BOT	17.5	5/7/2012 11:02	DISSOLVED OXYGEN	5.1	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3E-BOT	SF3	BOT	22.5	5/7/2012 11:02	DISSOLVED OXYGEN	7.68	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3F-BOT	SF3	BOT	27.5	5/7/2012 11:02	DISSOLVED OXYGEN	7.83	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3G-BOT	SF3	BOT	32.5	5/7/2012 11:02	DISSOLVED OXYGEN	5.98	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3A-TOP	SF3	TOP	2.5	5/7/2012 11:02	DISSOLVED OXYGEN	9.6	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3B-TOP	SF3	TOP	7.5	5/7/2012 11:02	DISSOLVED OXYGEN	5.64	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3C-TOP	SF3	TOP	12.5	5/7/2012 11:02	DISSOLVED OXYGEN	5.07	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). Shallow water: TOP sample equals BOTTOM sample
CDEOU4-120507-SF3D-TOP	SF3	TOP	17.5	5/7/2012 11:02	DISSOLVED OXYGEN	6.71	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3E-TOP	SF3	TOP	22.5	5/7/2012 11:02	DISSOLVED OXYGEN	8.33	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3F-TOP	SF3	TOP	27.5	5/7/2012 11:02	DISSOLVED OXYGEN	8.25	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3G-TOP	SF3	TOP	32.5	5/7/2012 11:02	DISSOLVED OXYGEN	8.26	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF4A-BOT	SF4	BOT	2.5	5/7/2012 11:41	DISSOLVED OXYGEN	6	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4B-BOT	SF4	BOT	7.5	5/7/2012 11:41	DISSOLVED OXYGEN	6.8	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4C-BOT	SF4	BOT	12.5	5/7/2012 11:41	DISSOLVED OXYGEN	7.55	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4D-BOT	SF4	BOT	17.5	5/7/2012 11:41	DISSOLVED OXYGEN	6.08	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4E-BOT	SF4	BOT	22.5	5/7/2012 11:41	DISSOLVED OXYGEN	6.73	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4A-TOP	SF4	TOP	2.5	5/7/2012 11:41	DISSOLVED OXYGEN	7.24	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120507-SF4B-TOP	SF4	TOP	7.5	5/7/2012 11:41	DISSOLVED OXYGEN	7.95	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4C-TOP	SF4	TOP	12.5	5/7/2012 11:41	DISSOLVED OXYGEN	7.46	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4D-TOP	SF4	TOP	17.5	5/7/2012 11:41	DISSOLVED OXYGEN	8.03	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4E-TOP	SF4	TOP	22.5	5/7/2012 11:41	DISSOLVED OXYGEN	7.01	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF5A-BOT	SF5	BOT	2.5	5/7/2012 0:21	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). No Reading - Log obstructing measurement
CDEOU4-120507-SF5B-BOT	SF5	BOT	7.5	5/7/2012 0:21	DISSOLVED OXYGEN	4.98	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5C-BOT	SF5	BOT	12.5	5/7/2012 0:21	DISSOLVED OXYGEN	5.66	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5D-BOT	SF5	BOT	17.5	5/7/2012 0:21	DISSOLVED OXYGEN	4.9	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5E-BOT	SF5	BOT	22.5	5/7/2012 0:21	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Debris obstructing bottom measurement
CDEOU4-120507-SF5A-TOP	SF5	TOP	2.5	5/7/2012 0:21	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). No Reading - Log obstructing measurement
CDEOU4-120507-SF5B-TOP	SF5	TOP	7.5	5/7/2012 0:21	DISSOLVED OXYGEN	7.44	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5C-TOP	SF5	TOP	12.5	5/7/2012 0:21	DISSOLVED OXYGEN	6.73	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5D-TOP	SF5	TOP	17.5	5/7/2012 0:21	DISSOLVED OXYGEN	6.99	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5E-TOP	SF5	TOP	22.5	5/7/2012 0:21	DISSOLVED OXYGEN	7.39	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF6A-BOT	SF6	BOT	2.5	5/7/2012 2:02	DISSOLVED OXYGEN	6.96	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). Shallow Water: TOP sample equals BOTTOM sample - B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6B-BOT	SF6	BOT	7.5	5/7/2012 2:02	DISSOLVED OXYGEN	6.24	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6C-BOT	SF6	BOT	12.5	5/7/2012 2:02	DISSOLVED OXYGEN	6.77	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6D-BOT	SF6	BOT	17.5	5/7/2012 2:02	DISSOLVED OXYGEN	6.05	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6E-BOT	SF6	BOT	22.5	5/7/2012 2:02	DISSOLVED OXYGEN	8.51	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6F-BOT	SF6	BOT	27.5	5/7/2012 2:02	DISSOLVED OXYGEN	6.6	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6G-BOT	SF6	BOT	32.5	5/7/2012 2:02	DISSOLVED OXYGEN	5.84	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6A-TOP	SF6	TOP	2.5	5/7/2012 2:02	DISSOLVED OXYGEN	6.96	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). Shallow Water: TOP sample equals BOTTOM sample - B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6B-TOP	SF6	TOP	7.5	5/7/2012 2:02	DISSOLVED OXYGEN	7.99	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6C-TOP	SF6	TOP	12.5	5/7/2012 2:02	DISSOLVED OXYGEN	8.28	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6D-TOP	SF6	TOP	17.5	5/7/2012 2:02	DISSOLVED OXYGEN	8.36	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6E-TOP	SF6	TOP	22.5	5/7/2012 2:02	DISSOLVED OXYGEN	9.37	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6F-TOP	SF6	TOP	27.5	5/7/2012 2:02	DISSOLVED OXYGEN	8.33	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6G-TOP	SF6	TOP	32.5	5/7/2012 2:02	DISSOLVED OXYGEN	8.33	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF7A-BOT	SF7	BOT	2.5	5/7/2012 2:42	DISSOLVED OXYGEN	6.69	Horiba U52 - Field measurement collected 2.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7B-BOT	SF7	BOT	7.5	5/7/2012 2:42	DISSOLVED OXYGEN	7.31	Horiba U52 - Field measurement collected 7.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7C-BOT	SF7	BOT	12.5	5/7/2012 2:42	DISSOLVED OXYGEN	4.12	Horiba U52 - Field measurement collected 12.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7D-BOT	SF7	BOT	17.5	5/7/2012 2:42	DISSOLVED OXYGEN	6.06	Horiba U52 - Field measurement collected 17.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7E-BOT	SF7	BOT	22.5	5/7/2012 2:42	DISSOLVED OXYGEN	8.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7F-BOT	SF7	BOT	27.5	5/7/2012 2:42	DISSOLVED OXYGEN	5.91	Horiba U52 - Field measurement collected 27.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7G-BOT	SF7	BOT	32.5	5/7/2012 2:42	DISSOLVED OXYGEN	5.66	Horiba U52 - Field measurement collected 32.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7A-TOP	SF7	TOP	2.5	5/7/2012 2:42	DISSOLVED OXYGEN	8.31	Horiba U52 - Field measurement collected 2.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7B-TOP	SF7	TOP	7.5	5/7/2012 2:42	DISSOLVED OXYGEN	8.35	Horiba U52 - Field measurement collected 7.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7C-TOP	SF7	TOP	12.5	5/7/2012 2:42	DISSOLVED OXYGEN	8.16	Horiba U52 - Field measurement collected 12.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7D-TOP	SF7	TOP	17.5	5/7/2012 2:42	DISSOLVED OXYGEN	8.41	Horiba U52 - Field measurement collected 17.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7E-TOP	SF7	TOP	22.5	5/7/2012 2:42	DISSOLVED OXYGEN	6.84	Horiba U52 - Field measurement collected 22.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7F-TOP	SF7	TOP	27.5	5/7/2012 2:42	DISSOLVED OXYGEN	8.02	Horiba U52 - Field measurement collected 27.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7G-TOP	SF7	TOP	32.5	5/7/2012 2:42	DISSOLVED OXYGEN	7.34	Horiba U52 - Field measurement collected 32.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF8A-BOT	SF8	BOT	2.5	5/7/2012 3:06	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8B-BOT	SF8	BOT	7.5	5/7/2012 3:06	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8C-BOT	SF8	BOT	12.5	5/7/2012 3:06	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8D-BOT	SF8	BOT	17.5	5/7/2012 3:06	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8E-BOT	SF8	BOT	22.5	5/7/2012 3:06	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8F-BOT	SF8	BOT	27.5	5/7/2012 3:06	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8A-TOP	SF8	TOP	2.5	5/7/2012 3:06	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8B-TOP	SF8	TOP	7.5	5/7/2012 3:06	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8C-TOP	SF8	TOP	12.5	5/7/2012 3:06	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8D-TOP	SF8	TOP	17.5	5/7/2012 3:06	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8E-TOP	SF8	TOP	22.5	5/7/2012 3:06	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8F-TOP	SF8	TOP	27.5	5/7/2012 3:06	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF9A-BOT	SF9	BOT	2.5	5/7/2012 3:37	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9B-BOT	SF9	BOT	7.5	5/7/2012 3:37	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9C-BOT	SF9	BOT	12.5	5/7/2012 3:37	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9D-BOT	SF9	BOT	17.5	5/7/2012 3:37	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (39' feet wide). Measurement OMITTED - bad placement (barrel in way)
CDEOU4-120507-SF9E-BOT	SF9	BOT	22.5	5/7/2012 3:37	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9F-BOT	SF9	BOT	27.5	5/7/2012 3:37	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (39' feet wide). No bottom measurement due to obstruction from debris
CDEOU4-120507-SF9G-BOT	SF9	BOT	32.5	5/7/2012 3:37	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 32.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9A-TOP	SF9	TOP	2.5	5/7/2012 3:37	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9B-TOP	SF9	TOP	7.5	5/7/2012 3:37	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9C-TOP	SF9	TOP	12.5	5/7/2012 3:37	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9D-TOP	SF9	TOP	17.5	5/7/2012 3:37	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (39' feet wide). Measurement OMITTED - bad placement (barrel in way)
CDEOU4-120507-SF9E-TOP	SF9	TOP	22.5	5/7/2012 3:37	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9F-TOP	SF9	TOP	27.5	5/7/2012 3:37	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9G-TOP	SF9	TOP	32.5	5/7/2012 3:37	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 32.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF10A-BOT	SF10	BOT	2.5	5/7/2012 3:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (34' 8" feet wide). Underneath Reeds
CDEOU4-120507-SF10B-BOT	SF10	BOT	7.5	5/7/2012 3:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10C-BOT	SF10	BOT	12.5	5/7/2012 3:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10D-BOT	SF10	BOT	17.5	5/7/2012 3:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10E-BOT	SF10	BOT	22.5	5/7/2012 3:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10F-BOT	SF10	BOT	27.5	5/7/2012 3:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10G-BOT	SF10	BOT	32.5	5/7/2012 3:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 32.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10A-TOP	SF10	TOP	2.5	5/7/2012 3:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (34' 8" feet wide). Underneath Reeds
CDEOU4-120507-SF10B-TOP	SF10	TOP	7.5	5/7/2012 3:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10C-TOP	SF10	TOP	12.5	5/7/2012 3:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10D-TOP	SF10	TOP	17.5	5/7/2012 3:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10E-TOP	SF10	TOP	22.5	5/7/2012 3:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10F-TOP	SF10	TOP	27.5	5/7/2012 3:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (34' 8" feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120507-SF10G-TOP	SF10	TOP	32.5	5/7/2012 3:58	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 32.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF11A-BOT	SF11	BOT	2.5	5/7/2012 4:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11B-BOT	SF11	BOT	7.5	5/7/2012 4:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11C-BOT	SF11	BOT	12.5	5/7/2012 4:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11D-BOT	SF11	BOT	17.5	5/7/2012 4:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11E-BOT	SF11	BOT	22.5	5/7/2012 4:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11A-TOP	SF11	TOP	2.5	5/7/2012 4:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11B-TOP	SF11	TOP	7.5	5/7/2012 4:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11C-TOP	SF11	TOP	12.5	5/7/2012 4:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11D-TOP	SF11	TOP	17.5	5/7/2012 4:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11E-TOP	SF11	TOP	22.5	5/7/2012 4:15	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF12A-BOT	SF12	BOT	2.5	5/7/2012 4:43	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12B-BOT	SF12	BOT	7.5	5/7/2012 4:43	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12C-BOT	SF12	BOT	12.5	5/7/2012 4:43	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12D-BOT	SF12	BOT	17.5	5/7/2012 4:43	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12E-BOT	SF12	BOT	22.5	5/7/2012 4:43	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12F-BOT	SF12	BOT	27.5	5/7/2012 4:43	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12A-TOP	SF12	TOP	2.5	5/7/2012 4:43	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12B-TOP	SF12	TOP	7.5	5/7/2012 4:43	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12C-TOP	SF12	TOP	12.5	5/7/2012 4:43	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12D-TOP	SF12	TOP	17.5	5/7/2012 4:43	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12E-TOP	SF12	TOP	22.5	5/7/2012 4:43	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12F-TOP	SF12	TOP	27.5	5/7/2012 4:43	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120508-SF38A-BOT	SF38	BOT	2.5	5/8/2012 3:18	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38B-BOT	SF38	BOT	7.5	5/8/2012 3:18	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38C-BOT	SF38	BOT	12.5	5/8/2012 3:18	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38D-BOT	SF38	BOT	17.5	5/8/2012 3:18	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38E-BOT	SF38	BOT	22.5	5/8/2012 3:18	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38A-TOP	SF38	TOP	2.5	5/8/2012 3:18	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38B-TOP	SF38	TOP	7.5	5/8/2012 3:18	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38C-TOP	SF38	TOP	12.5	5/8/2012 3:18	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38D-TOP	SF38	TOP	17.5	5/8/2012 3:18	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38E-TOP	SF38	TOP	22.5	5/8/2012 3:18	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF39A-BOT	SF39	BOT	2.5	5/8/2012 3:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39B-BOT	SF39	BOT	7.5	5/8/2012 3:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39C-BOT	SF39	BOT	12.5	5/8/2012 3:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39D-BOT	SF39	BOT	17.5	5/8/2012 3:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39E-BOT	SF39	BOT	22.5	5/8/2012 3:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39F-BOT	SF39	BOT	27.5	5/8/2012 3:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF39A-TOP	SF39	TOP	2.5	5/8/2012 3:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39B-TOP	SF39	TOP	7.5	5/8/2012 3:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39C-TOP	SF39	TOP	12.5	5/8/2012 3:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39D-TOP	SF39	TOP	17.5	5/8/2012 3:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39E-TOP	SF39	TOP	22.5	5/8/2012 3:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39F-TOP	SF39	TOP	27.5	5/8/2012 3:33	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF40A-BOT	SF40	BOT	2.5	5/8/2012 4:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40B-BOT	SF40	BOT	7.5	5/8/2012 4:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40C-BOT	SF40	BOT	12.5	5/8/2012 4:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40D-BOT	SF40	BOT	17.5	5/8/2012 4:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40E-BOT	SF40	BOT	22.5	5/8/2012 4:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40F-BOT	SF40	BOT	27.5	5/8/2012 4:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (30' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Sandy Streambed
CDEOU4-120508-SF40A-TOP	SF40	TOP	2.5	5/8/2012 4:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40B-TOP	SF40	TOP	7.5	5/8/2012 4:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40C-TOP	SF40	TOP	12.5	5/8/2012 4:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40D-TOP	SF40	TOP	17.5	5/8/2012 4:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40E-TOP	SF40	TOP	22.5	5/8/2012 4:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40F-TOP	SF40	TOP	27.5	5/8/2012 4:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (30' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Sandy Streambed
CDEOU4-120508-SF41A-BOT	SF41	BOT	2.5	5/8/2012 4:40	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41B-BOT	SF41	BOT	7.5	5/8/2012 4:40	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41C-BOT	SF41	BOT	12.5	5/8/2012 4:40	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41D-BOT	SF41	BOT	17.5	5/8/2012 4:40	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41E-BOT	SF41	BOT	22.5	5/8/2012 4:40	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41F-BOT	SF41	BOT	27.5	5/8/2012 4:40	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41A-TOP	SF41	TOP	2.5	5/8/2012 4:40	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41B-TOP	SF41	TOP	7.5	5/8/2012 4:40	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41C-TOP	SF41	TOP	12.5	5/8/2012 4:40	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41D-TOP	SF41	TOP	17.5	5/8/2012 4:40	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41E-TOP	SF41	TOP	22.5	5/8/2012 4:40	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41F-TOP	SF41	TOP	27.5	5/8/2012 4:40	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF42A-BOT	SF42	BOT	2.5	5/8/2012 4:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42B-BOT	SF42	BOT	7.5	5/8/2012 4:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42C-BOT	SF42	BOT	12.5	5/8/2012 4:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42D-BOT	SF42	BOT	17.5	5/8/2012 4:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42E-BOT	SF42	BOT	22.5	5/8/2012 4:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42F-BOT	SF42	BOT	27.5	5/8/2012 4:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42A-TOP	SF42	TOP	2.5	5/8/2012 4:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42B-TOP	SF42	TOP	7.5	5/8/2012 4:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42C-TOP	SF42	TOP	12.5	5/8/2012 4:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42D-TOP	SF42	TOP	17.5	5/8/2012 4:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42E-TOP	SF42	TOP	22.5	5/8/2012 4:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42F-TOP	SF42	TOP	27.5	5/8/2012 4:45	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 4' feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF47A-BOT	SF47	BOT	2.5	5/8/2012 5:12	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47B-BOT	SF47	BOT	7.5	5/8/2012 5:12	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47C-BOT	SF47	BOT	12.5	5/8/2012 5:12	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47D-BOT	SF47	BOT	17.5	5/8/2012 5:12	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47E-BOT	SF47	BOT	22.5	5/8/2012 5:12	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47A-TOP	SF47	TOP	2.5	5/8/2012 5:12	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47B-TOP	SF47	TOP	7.5	5/8/2012 5:12	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47C-TOP	SF47	TOP	12.5	5/8/2012 5:12	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47D-TOP	SF47	TOP	17.5	5/8/2012 5:12	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47E-TOP	SF47	TOP	22.5	5/8/2012 5:12	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF49A-BOT	SF49	BOT	2.5	5/8/2012 5:20	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (21' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF49B-BOT	SF49	BOT	7.5	5/8/2012 5:20	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49C-BOT	SF49	BOT	12.5	5/8/2012 5:20	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49D-BOT	SF49	BOT	17.5	5/8/2012 5:20	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (21' feet wide). Sample taken against A-side bank with tree roots
CDEOU4-120508-SF49A-TOP	SF49	TOP	2.5	5/8/2012 5:20	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (21' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF49B-TOP	SF49	TOP	7.5	5/8/2012 5:20	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49C-TOP	SF49	TOP	12.5	5/8/2012 5:20	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49D-TOP	SF49	TOP	17.5	5/8/2012 5:20	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (21' feet wide). Sample taken against A-side bank with tree roots
CDEOU4-120508-SF51A-BOT	SF51	BOT	2.5	5/8/2012 5:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51B-BOT	SF51	BOT	7.5	5/8/2012 5:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51C-BOT	SF51	BOT	12.5	5/8/2012 5:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51D-BOT	SF51	BOT	17.5	5/8/2012 5:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51E-BOT	SF51	BOT	22.5	5/8/2012 5:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51A-TOP	SF51	TOP	2.5	5/8/2012 5:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51B-TOP	SF51	TOP	7.5	5/8/2012 5:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51C-TOP	SF51	TOP	12.5	5/8/2012 5:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51D-TOP	SF51	TOP	17.5	5/8/2012 5:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51E-TOP	SF51	TOP	22.5	5/8/2012 5:26	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53A-BOT	SF53	BOT	2.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53B-BOT	SF53	BOT	7.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53C-BOT	SF53	BOT	12.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53D-BOT	SF53	BOT	17.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53E-BOT	SF53	BOT	22.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53F-BOT	SF53	BOT	27.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF53A-TOP	SF53	TOP	2.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53B-TOP	SF53	TOP	7.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53C-TOP	SF53	TOP	12.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53D-TOP	SF53	TOP	17.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53E-TOP	SF53	TOP	22.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53F-TOP	SF53	TOP	27.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF55A-BOT	SF55	BOT	2.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55B-BOT	SF55	BOT	7.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55C-BOT	SF55	BOT	12.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55D-BOT	SF55	BOT	17.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55E-BOT	SF55	BOT	22.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55F-BOT	SF55	BOT	27.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55A-TOP	SF55	TOP	2.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55B-TOP	SF55	TOP	7.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55C-TOP	SF55	TOP	12.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55D-TOP	SF55	TOP	17.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55E-TOP	SF55	TOP	22.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55F-TOP	SF55	TOP	27.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF57A-BOT	SF57	BOT	2.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57B-BOT	SF57	BOT	7.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57C-BOT	SF57	BOT	12.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57D-BOT	SF57	BOT	17.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57E-BOT	SF57	BOT	22.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57F-BOT	SF57	BOT	27.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57A-TOP	SF57	TOP	2.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57B-TOP	SF57	TOP	7.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57C-TOP	SF57	TOP	12.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57D-TOP	SF57	TOP	17.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57E-TOP	SF57	TOP	22.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57F-TOP	SF57	TOP	27.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF59A-BOT	SF59	BOT	2.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59B-BOT	SF59	BOT	7.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59C-BOT	SF59	BOT	12.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59D-BOT	SF59	BOT	17.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59E-BOT	SF59	BOT	22.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59F-BOT	SF59	BOT	25.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 25.5 feet from left bank (27' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF59A-TOP	SF59	TOP	2.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59B-TOP	SF59	TOP	7.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59C-TOP	SF59	TOP	12.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59D-TOP	SF59	TOP	17.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59E-TOP	SF59	TOP	22.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59F-TOP	SF59	TOP	25.5	5/8/2012	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected 25.5 feet from left bank (27' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SFMMDA-TOP-DOWN	SFMMD	TOP	15	5/8/2012 5:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Downstream side of Manmade Dam - On middle of dam. Attempt 1
CDEOU4-120508-SFMMDB-TOP-DOWN	SFMMD	TOP	15	5/8/2012 5:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Downstream side of Manmade Dam - On middle of dam. Attempt 2
CDEOU4-120508-SFMMDB-TOP-UP	SFMMD	TOP	15	5/8/2012 5:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Upstream side of Manmade Dam - On middle of dam. Attempt 2
CDEOU4-120508-SFMMDA-TOP-UP	SFMMD	TOP	15	5/8/2012 5:00	DISSOLVED OXYGEN		Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Upstream side of Manmade Dam - On middle of dam. Attempt 1
CDEOU4-120507-SF1A-BOT	SF1	BOT	2.5	5/7/2012 10:15	OXIDATION-REDUCTION POTENTIAL	99	Horiba U52 - Field measurement collected 2.5 feet from left bank (23' 6" feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120507-SF1B-BOT	SF1	BOT	7.5	5/7/2012 10:15	OXIDATION-REDUCTION POTENTIAL	109	Horiba U52 - Field measurement collected 7.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1C-BOT	SF1	BOT	12.5	5/7/2012 10:15	OXIDATION-REDUCTION POTENTIAL	118	Horiba U52 - Field measurement collected 12.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1D-BOT	SF1	BOT	17.5	5/7/2012 10:15	OXIDATION-REDUCTION POTENTIAL	125	Horiba U52 - Field measurement collected 17.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1A-TOP	SF1	TOP	2.5	5/7/2012 10:15	OXIDATION-REDUCTION POTENTIAL	106	Horiba U52 - Field measurement collected 2.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1B-TOP	SF1	TOP	7.5	5/7/2012 10:15	OXIDATION-REDUCTION POTENTIAL	107	Horiba U52 - Field measurement collected 7.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1C-TOP	SF1	TOP	12.5	5/7/2012 10:15	OXIDATION-REDUCTION POTENTIAL	114	Horiba U52 - Field measurement collected 12.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1D-TOP	SF1	TOP	17.5	5/7/2012 10:15	OXIDATION-REDUCTION POTENTIAL	122	Horiba U52 - Field measurement collected 17.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF2A-BOT	SF2	BOT	2.5	5/7/2012 10:42	OXIDATION-REDUCTION POTENTIAL	115	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2B-BOT	SF2	BOT	7.5	5/7/2012 10:42	OXIDATION-REDUCTION POTENTIAL	105	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2C-BOT	SF2	BOT	12.5	5/7/2012 10:42	OXIDATION-REDUCTION POTENTIAL	104	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2D-BOT	SF2	BOT	17.5	5/7/2012 10:42	OXIDATION-REDUCTION POTENTIAL	108	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2E-BOT	SF2	BOT	22.5	5/7/2012 10:42	OXIDATION-REDUCTION POTENTIAL	113	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2A-TOP	SF2	TOP	2.5	5/7/2012 10:42	OXIDATION-REDUCTION POTENTIAL	110	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2B-TOP	SF2	TOP	7.5	5/7/2012 10:42	OXIDATION-REDUCTION POTENTIAL	104	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2C-TOP	SF2	TOP	12.5	5/7/2012 10:42	OXIDATION-REDUCTION POTENTIAL	99	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2D-TOP	SF2	TOP	17.5	5/7/2012 10:42	OXIDATION-REDUCTION POTENTIAL	103	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2E-TOP	SF2	TOP	22.5	5/7/2012 10:42	OXIDATION-REDUCTION POTENTIAL	108	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF3A-BOT	SF3	BOT	2.5	5/7/2012 11:02	OXIDATION-REDUCTION POTENTIAL	75	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3B-BOT	SF3	BOT	7.5	5/7/2012 11:02	OXIDATION-REDUCTION POTENTIAL	35	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3C-BOT	SF3	BOT	12.5	5/7/2012 11:02	OXIDATION-REDUCTION POTENTIAL		Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). Shallow water: TOP sample equals BOTTOM sample
CDEOU4-120507-SF3D-BOT	SF3	BOT	17.5	5/7/2012 11:02	OXIDATION-REDUCTION POTENTIAL	20	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3E-BOT	SF3	BOT	22.5	5/7/2012 11:02	OXIDATION-REDUCTION POTENTIAL	62	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3F-BOT	SF3	BOT	27.5	5/7/2012 11:02	OXIDATION-REDUCTION POTENTIAL	73	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3G-BOT	SF3	BOT	32.5	5/7/2012 11:02	OXIDATION-REDUCTION POTENTIAL	25	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3A-TOP	SF3	TOP	2.5	5/7/2012 11:02	OXIDATION-REDUCTION POTENTIAL	71	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3B-TOP	SF3	TOP	7.5	5/7/2012 11:02	OXIDATION-REDUCTION POTENTIAL	58	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3C-TOP	SF3	TOP	12.5	5/7/2012 11:02	OXIDATION-REDUCTION POTENTIAL		Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). Shallow water: TOP sample equals BOTTOM sample
CDEOU4-120507-SF3D-TOP	SF3	TOP	17.5	5/7/2012 11:02	OXIDATION-REDUCTION POTENTIAL	17	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3E-TOP	SF3	TOP	22.5	5/7/2012 11:02	OXIDATION-REDUCTION POTENTIAL	60	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3F-TOP	SF3	TOP	27.5	5/7/2012 11:02	OXIDATION-REDUCTION POTENTIAL	67	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3G-TOP	SF3	TOP	32.5	5/7/2012 11:02	OXIDATION-REDUCTION POTENTIAL	69	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF4A-BOT	SF4	BOT	2.5	5/7/2012 11:41	OXIDATION-REDUCTION POTENTIAL	57	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4B-BOT	SF4	BOT	7.5	5/7/2012 11:41	OXIDATION-REDUCTION POTENTIAL	65	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4C-BOT	SF4	BOT	12.5	5/7/2012 11:41	OXIDATION-REDUCTION POTENTIAL	78	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4D-BOT	SF4	BOT	17.5	5/7/2012 11:41	OXIDATION-REDUCTION POTENTIAL	82	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4E-BOT	SF4	BOT	22.5	5/7/2012 11:41	OXIDATION-REDUCTION POTENTIAL	80	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4A-TOP	SF4	TOP	2.5	5/7/2012 11:41	OXIDATION-REDUCTION POTENTIAL	62	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4B-TOP	SF4	TOP	7.5	5/7/2012 11:41	OXIDATION-REDUCTION POTENTIAL	59	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4C-TOP	SF4	TOP	12.5	5/7/2012 11:41	OXIDATION-REDUCTION POTENTIAL	73	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4D-TOP	SF4	TOP	17.5	5/7/2012 11:41	OXIDATION-REDUCTION POTENTIAL	74	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4E-TOP	SF4	TOP	22.5	5/7/2012 11:41	OXIDATION-REDUCTION POTENTIAL	77	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF5A-BOT	SF5	BOT	2.5	5/7/2012 0:21	OXIDATION-REDUCTION POTENTIAL		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). No Reading - Log obstructing measurement
CDEOU4-120507-SF5B-BOT	SF5	BOT	7.5	5/7/2012 0:21	OXIDATION-REDUCTION POTENTIAL	74	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5C-BOT	SF5	BOT	12.5	5/7/2012 0:21	OXIDATION-REDUCTION POTENTIAL	82	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5D-BOT	SF5	BOT	17.5	5/7/2012 0:21	OXIDATION-REDUCTION POTENTIAL	87	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5E-BOT	SF5	BOT	22.5	5/7/2012 0:21	OXIDATION-REDUCTION POTENTIAL		Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Debris obstructing bottom measurement
CDEOU4-120507-SF5A-TOP	SF5	TOP	2.5	5/7/2012 0:21	OXIDATION-REDUCTION POTENTIAL		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). No Reading - Log obstructing measurement
CDEOU4-120507-SF5B-TOP	SF5	TOP	7.5	5/7/2012 0:21	OXIDATION-REDUCTION POTENTIAL	62	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5C-TOP	SF5	TOP	12.5	5/7/2012 0:21	OXIDATION-REDUCTION POTENTIAL	69	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5D-TOP	SF5	TOP	17.5	5/7/2012 0:21	OXIDATION-REDUCTION POTENTIAL	75	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5E-TOP	SF5	TOP	22.5	5/7/2012 0:21	OXIDATION-REDUCTION POTENTIAL	65	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF6A-BOT	SF6	BOT	2.5	5/7/2012 2:02	OXIDATION-REDUCTION POTENTIAL	-3	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). Shallow Water: TOP sample equals BOTTOM sample - B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6B-BOT	SF6	BOT	7.5	5/7/2012 2:02	OXIDATION-REDUCTION POTENTIAL	32	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6C-BOT	SF6	BOT	12.5	5/7/2012 2:02	OXIDATION-REDUCTION POTENTIAL	32	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6D-BOT	SF6	BOT	17.5	5/7/2012 2:02	OXIDATION-REDUCTION POTENTIAL	56	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6E-BOT	SF6	BOT	22.5	5/7/2012 2:02	OXIDATION-REDUCTION POTENTIAL	71	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6F-BOT	SF6	BOT	27.5	5/7/2012 2:02	OXIDATION-REDUCTION POTENTIAL	75	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6G-BOT	SF6	BOT	32.5	5/7/2012 2:02	OXIDATION-REDUCTION POTENTIAL	77	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6A-TOP	SF6	TOP	2.5	5/7/2012 2:02	OXIDATION-REDUCTION POTENTIAL	-3	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). Shallow Water: TOP sample equals BOTTOM sample - B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6B-TOP	SF6	TOP	7.5	5/7/2012 2:02	OXIDATION-REDUCTION POTENTIAL	21	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6C-TOP	SF6	TOP	12.5	5/7/2012 2:02	OXIDATION-REDUCTION POTENTIAL	35	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6D-TOP	SF6	TOP	17.5	5/7/2012 2:02	OXIDATION-REDUCTION POTENTIAL	43	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6E-TOP	SF6	TOP	22.5	5/7/2012 2:02	OXIDATION-REDUCTION POTENTIAL	54	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6F-TOP	SF6	TOP	27.5	5/7/2012 2:02	OXIDATION-REDUCTION POTENTIAL	62	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6G-TOP	SF6	TOP	32.5	5/7/2012 2:02	OXIDATION-REDUCTION POTENTIAL	70	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF7A-BOT	SF7	BOT	2.5	5/7/2012 2:42	OXIDATION-REDUCTION POTENTIAL	44	Horiba U52 - Field measurement collected 2.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7B-BOT	SF7	BOT	7.5	5/7/2012 2:42	OXIDATION-REDUCTION POTENTIAL	34	Horiba U52 - Field measurement collected 7.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7C-BOT	SF7	BOT	12.5	5/7/2012 2:42	OXIDATION-REDUCTION POTENTIAL	35	Horiba U52 - Field measurement collected 12.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7D-BOT	SF7	BOT	17.5	5/7/2012 2:42	OXIDATION-REDUCTION POTENTIAL	58	Horiba U52 - Field measurement collected 17.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7E-BOT	SF7	BOT	22.5	5/7/2012 2:42	OXIDATION-REDUCTION POTENTIAL	41	Horiba U52 - Field measurement collected 22.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7F-BOT	SF7	BOT	27.5	5/7/2012 2:42	OXIDATION-REDUCTION POTENTIAL	76	Horiba U52 - Field measurement collected 27.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7G-BOT	SF7	BOT	32.5	5/7/2012 2:42	OXIDATION-REDUCTION POTENTIAL	49	Horiba U52 - Field measurement collected 32.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7A-TOP	SF7	TOP	2.5	5/7/2012 2:42	OXIDATION-REDUCTION POTENTIAL	44	Horiba U52 - Field measurement collected 2.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7B-TOP	SF7	TOP	7.5	5/7/2012 2:42	OXIDATION-REDUCTION POTENTIAL	31	Horiba U52 - Field measurement collected 7.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7C-TOP	SF7	TOP	12.5	5/7/2012 2:42	OXIDATION-REDUCTION POTENTIAL	44	Horiba U52 - Field measurement collected 12.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7D-TOP	SF7	TOP	17.5	5/7/2012 2:42	OXIDATION-REDUCTION POTENTIAL	45	Horiba U52 - Field measurement collected 17.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7E-TOP	SF7	TOP	22.5	5/7/2012 2:42	OXIDATION-REDUCTION POTENTIAL	58	Horiba U52 - Field measurement collected 22.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7F-TOP	SF7	TOP	27.5	5/7/2012 2:42	OXIDATION-REDUCTION POTENTIAL	65	Horiba U52 - Field measurement collected 27.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7G-TOP	SF7	TOP	32.5	5/7/2012 2:42	OXIDATION-REDUCTION POTENTIAL	44	Horiba U52 - Field measurement collected 32.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF8A-BOT	SF8	BOT	2.5	5/7/2012 3:06	OXIDATION-REDUCTION POTENTIAL	-11	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8B-BOT	SF8	BOT	7.5	5/7/2012 3:06	OXIDATION-REDUCTION POTENTIAL	9	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 5" feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120507-SF8C-BOT	SF8	BOT	12.5	5/7/2012 3:06	OXIDATION-REDUCTION POTENTIAL	45	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8D-BOT	SF8	BOT	17.5	5/7/2012 3:06	OXIDATION-REDUCTION POTENTIAL	50	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8E-BOT	SF8	BOT	22.5	5/7/2012 3:06	OXIDATION-REDUCTION POTENTIAL	59	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8F-BOT	SF8	BOT	27.5	5/7/2012 3:06	OXIDATION-REDUCTION POTENTIAL	62	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8A-TOP	SF8	TOP	2.5	5/7/2012 3:06	OXIDATION-REDUCTION POTENTIAL	-9	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8B-TOP	SF8	TOP	7.5	5/7/2012 3:06	OXIDATION-REDUCTION POTENTIAL	8	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8C-TOP	SF8	TOP	12.5	5/7/2012 3:06	OXIDATION-REDUCTION POTENTIAL	30	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8D-TOP	SF8	TOP	17.5	5/7/2012 3:06	OXIDATION-REDUCTION POTENTIAL	39	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8E-TOP	SF8	TOP	22.5	5/7/2012 3:06	OXIDATION-REDUCTION POTENTIAL	51	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8F-TOP	SF8	TOP	27.5	5/7/2012 3:06	OXIDATION-REDUCTION POTENTIAL	58	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF9A-BOT	SF9	BOT	2.5	5/7/2012 3:37	OXIDATION-REDUCTION POTENTIAL	-5	Horiba U52 - Field measurement collected 2.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9B-BOT	SF9	BOT	7.5	5/7/2012 3:37	OXIDATION-REDUCTION POTENTIAL	-41	Horiba U52 - Field measurement collected 7.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9C-BOT	SF9	BOT	12.5	5/7/2012 3:37	OXIDATION-REDUCTION POTENTIAL	-9	Horiba U52 - Field measurement collected 12.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9D-BOT	SF9	BOT	17.5	5/7/2012 3:37	OXIDATION-REDUCTION POTENTIAL		Horiba U52 - Field measurement collected 17.5 feet from left bank (39' feet wide). Measurement OMITTED - bad placement (barrel in way)
CDEOU4-120507-SF9E-BOT	SF9	BOT	22.5	5/7/2012 3:37	OXIDATION-REDUCTION POTENTIAL	33	Horiba U52 - Field measurement collected 22.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9F-BOT	SF9	BOT	27.5	5/7/2012 3:37	OXIDATION-REDUCTION POTENTIAL		Horiba U52 - Field measurement collected 27.5 feet from left bank (39' feet wide). No bottom measurement due to obstruction from debris
CDEOU4-120507-SF9G-BOT	SF9	BOT	32.5	5/7/2012 3:37	OXIDATION-REDUCTION POTENTIAL	49	Horiba U52 - Field measurement collected 32.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9A-TOP	SF9	TOP	2.5	5/7/2012 3:37	OXIDATION-REDUCTION POTENTIAL	-6	Horiba U52 - Field measurement collected 2.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9B-TOP	SF9	TOP	7.5	5/7/2012 3:37	OXIDATION-REDUCTION POTENTIAL	-28	Horiba U52 - Field measurement collected 7.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9C-TOP	SF9	TOP	12.5	5/7/2012 3:37	OXIDATION-REDUCTION POTENTIAL	-18	Horiba U52 - Field measurement collected 12.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9D-TOP	SF9	TOP	17.5	5/7/2012 3:37	OXIDATION-REDUCTION POTENTIAL		Horiba U52 - Field measurement collected 17.5 feet from left bank (39' feet wide). Measurement OMITTED - bad placement (barrel in way)
CDEOU4-120507-SF9E-TOP	SF9	TOP	22.5	5/7/2012 3:37	OXIDATION-REDUCTION POTENTIAL	10	Horiba U52 - Field measurement collected 22.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9F-TOP	SF9	TOP	27.5	5/7/2012 3:37	OXIDATION-REDUCTION POTENTIAL	34	Horiba U52 - Field measurement collected 27.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9G-TOP	SF9	TOP	32.5	5/7/2012 3:37	OXIDATION-REDUCTION POTENTIAL	41	Horiba U52 - Field measurement collected 32.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF10A-BOT	SF10	BOT	2.5	5/7/2012 3:58	OXIDATION-REDUCTION POTENTIAL	-23	Horiba U52 - Field measurement collected 2.5 feet from left bank (34' 8" feet wide). Underneath Reeds
CDEOU4-120507-SF10B-BOT	SF10	BOT	7.5	5/7/2012 3:58	OXIDATION-REDUCTION POTENTIAL	-28	Horiba U52 - Field measurement collected 7.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10C-BOT	SF10	BOT	12.5	5/7/2012 3:58	OXIDATION-REDUCTION POTENTIAL	2	Horiba U52 - Field measurement collected 12.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10D-BOT	SF10	BOT	17.5	5/7/2012 3:58	OXIDATION-REDUCTION POTENTIAL	23	Horiba U52 - Field measurement collected 17.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10E-BOT	SF10	BOT	22.5	5/7/2012 3:58	OXIDATION-REDUCTION POTENTIAL	31	Horiba U52 - Field measurement collected 22.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10F-BOT	SF10	BOT	27.5	5/7/2012 3:58	OXIDATION-REDUCTION POTENTIAL	50	Horiba U52 - Field measurement collected 27.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10G-BOT	SF10	BOT	32.5	5/7/2012 3:58	OXIDATION-REDUCTION POTENTIAL	28	Horiba U52 - Field measurement collected 32.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10A-TOP	SF10	TOP	2.5	5/7/2012 3:58	OXIDATION-REDUCTION POTENTIAL	-46	Horiba U52 - Field measurement collected 2.5 feet from left bank (34' 8" feet wide). Underneath Reeds
CDEOU4-120507-SF10B-TOP	SF10	TOP	7.5	5/7/2012 3:58	OXIDATION-REDUCTION POTENTIAL	-6	Horiba U52 - Field measurement collected 7.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10C-TOP	SF10	TOP	12.5	5/7/2012 3:58	OXIDATION-REDUCTION POTENTIAL	-16	Horiba U52 - Field measurement collected 12.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10D-TOP	SF10	TOP	17.5	5/7/2012 3:58	OXIDATION-REDUCTION POTENTIAL	8	Horiba U52 - Field measurement collected 17.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10E-TOP	SF10	TOP	22.5	5/7/2012 3:58	OXIDATION-REDUCTION POTENTIAL	21	Horiba U52 - Field measurement collected 22.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10F-TOP	SF10	TOP	27.5	5/7/2012 3:58	OXIDATION-REDUCTION POTENTIAL	31	Horiba U52 - Field measurement collected 27.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10G-TOP	SF10	TOP	32.5	5/7/2012 3:58	OXIDATION-REDUCTION POTENTIAL	23	Horiba U52 - Field measurement collected 32.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF11A-BOT	SF11	BOT	2.5	5/7/2012 4:15	OXIDATION-REDUCTION POTENTIAL	9	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11B-BOT	SF11	BOT	7.5	5/7/2012 4:15	OXIDATION-REDUCTION POTENTIAL	15	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11C-BOT	SF11	BOT	12.5	5/7/2012 4:15	OXIDATION-REDUCTION POTENTIAL	23	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11D-BOT	SF11	BOT	17.5	5/7/2012 4:15	OXIDATION-REDUCTION POTENTIAL	34	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11E-BOT	SF11	BOT	22.5	5/7/2012 4:15	OXIDATION-REDUCTION POTENTIAL	41	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11A-TOP	SF11	TOP	2.5	5/7/2012 4:15	OXIDATION-REDUCTION POTENTIAL	3	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11B-TOP	SF11	TOP	7.5	5/7/2012 4:15	OXIDATION-REDUCTION POTENTIAL	7	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11C-TOP	SF11	TOP	12.5	5/7/2012 4:15	OXIDATION-REDUCTION POTENTIAL	13	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11D-TOP	SF11	TOP	17.5	5/7/2012 4:15	OXIDATION-REDUCTION POTENTIAL	26	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11E-TOP	SF11	TOP	22.5	5/7/2012 4:15	OXIDATION-REDUCTION POTENTIAL	32	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF12A-BOT	SF12	BOT	2.5	5/7/2012 4:43	OXIDATION-REDUCTION POTENTIAL	-5	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12B-BOT	SF12	BOT	7.5	5/7/2012 4:43	OXIDATION-REDUCTION POTENTIAL	11	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12C-BOT	SF12	BOT	12.5	5/7/2012 4:43	OXIDATION-REDUCTION POTENTIAL	4	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12D-BOT	SF12	BOT	17.5	5/7/2012 4:43	OXIDATION-REDUCTION POTENTIAL	-1	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12E-BOT	SF12	BOT	22.5	5/7/2012 4:43	OXIDATION-REDUCTION POTENTIAL	24	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12F-BOT	SF12	BOT	27.5	5/7/2012 4:43	OXIDATION-REDUCTION POTENTIAL	21	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12A-TOP	SF12	TOP	2.5	5/7/2012 4:43	OXIDATION-REDUCTION POTENTIAL	-16	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12B-TOP	SF12	TOP	7.5	5/7/2012 4:43	OXIDATION-REDUCTION POTENTIAL	3	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12C-TOP	SF12	TOP	12.5	5/7/2012 4:43	OXIDATION-REDUCTION POTENTIAL	8	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12D-TOP	SF12	TOP	17.5	5/7/2012 4:43	OXIDATION-REDUCTION POTENTIAL	-3	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12E-TOP	SF12	TOP	22.5	5/7/2012 4:43	OXIDATION-REDUCTION POTENTIAL	8	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12F-TOP	SF12	TOP	27.5	5/7/2012 4:43	OXIDATION-REDUCTION POTENTIAL	25	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120508-SF38A-BOT	SF38	BOT	2.5	5/8/2012 3:18	OXIDATION-REDUCTION POTENTIAL	84	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38B-BOT	SF38	BOT	7.5	5/8/2012 3:18	OXIDATION-REDUCTION POTENTIAL	83	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38C-BOT	SF38	BOT	12.5	5/8/2012 3:18	OXIDATION-REDUCTION POTENTIAL	89	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38D-BOT	SF38	BOT	17.5	5/8/2012 3:18	OXIDATION-REDUCTION POTENTIAL	95	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38E-BOT	SF38	BOT	22.5	5/8/2012 3:18	OXIDATION-REDUCTION POTENTIAL	93	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38A-TOP	SF38	TOP	2.5	5/8/2012 3:18	OXIDATION-REDUCTION POTENTIAL	84	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38B-TOP	SF38	TOP	7.5	5/8/2012 3:18	OXIDATION-REDUCTION POTENTIAL	83	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38C-TOP	SF38	TOP	12.5	5/8/2012 3:18	OXIDATION-REDUCTION POTENTIAL	85	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38D-TOP	SF38	TOP	17.5	5/8/2012 3:18	OXIDATION-REDUCTION POTENTIAL	92	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38E-TOP	SF38	TOP	22.5	5/8/2012 3:18	OXIDATION-REDUCTION POTENTIAL	89	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF39A-BOT	SF39	BOT	2.5	5/8/2012 3:33	OXIDATION-REDUCTION POTENTIAL	96	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39B-BOT	SF39	BOT	7.5	5/8/2012 3:33	OXIDATION-REDUCTION POTENTIAL	101	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39C-BOT	SF39	BOT	12.5	5/8/2012 3:33	OXIDATION-REDUCTION POTENTIAL	103	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39D-BOT	SF39	BOT	17.5	5/8/2012 3:33	OXIDATION-REDUCTION POTENTIAL	104	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39E-BOT	SF39	BOT	22.5	5/8/2012 3:33	OXIDATION-REDUCTION POTENTIAL	104	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39F-BOT	SF39	BOT	27.5	5/8/2012 3:33	OXIDATION-REDUCTION POTENTIAL	99	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF39A-TOP	SF39	TOP	2.5	5/8/2012 3:33	OXIDATION-REDUCTION POTENTIAL	94	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39B-TOP	SF39	TOP	7.5	5/8/2012 3:33	OXIDATION-REDUCTION POTENTIAL	95	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39C-TOP	SF39	TOP	12.5	5/8/2012 3:33	OXIDATION-REDUCTION POTENTIAL	99	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39D-TOP	SF39	TOP	17.5	5/8/2012 3:33	OXIDATION-REDUCTION POTENTIAL	99	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39E-TOP	SF39	TOP	22.5	5/8/2012 3:33	OXIDATION-REDUCTION POTENTIAL	101	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 5" feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF39F-TOP	SF39	TOP	27.5	5/8/2012 3:33	OXIDATION-REDUCTION POTENTIAL	99	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF40A-BOT	SF40	BOT	2.5	5/8/2012 4:00	OXIDATION-REDUCTION POTENTIAL	83	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40B-BOT	SF40	BOT	7.5	5/8/2012 4:00	OXIDATION-REDUCTION POTENTIAL	87	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40C-BOT	SF40	BOT	12.5	5/8/2012 4:00	OXIDATION-REDUCTION POTENTIAL	91	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40D-BOT	SF40	BOT	17.5	5/8/2012 4:00	OXIDATION-REDUCTION POTENTIAL	94	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40E-BOT	SF40	BOT	22.5	5/8/2012 4:00	OXIDATION-REDUCTION POTENTIAL	96	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40F-BOT	SF40	BOT	27.5	5/8/2012 4:00	OXIDATION-REDUCTION POTENTIAL	92	Horiba U52 - Field measurement collected 27.5 feet from left bank (30' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Sandy Streambed
CDEOU4-120508-SF40A-TOP	SF40	TOP	2.5	5/8/2012 4:00	OXIDATION-REDUCTION POTENTIAL	78	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40B-TOP	SF40	TOP	7.5	5/8/2012 4:00	OXIDATION-REDUCTION POTENTIAL	85	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40C-TOP	SF40	TOP	12.5	5/8/2012 4:00	OXIDATION-REDUCTION POTENTIAL	88	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40D-TOP	SF40	TOP	17.5	5/8/2012 4:00	OXIDATION-REDUCTION POTENTIAL	87	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40E-TOP	SF40	TOP	22.5	5/8/2012 4:00	OXIDATION-REDUCTION POTENTIAL	91	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40F-TOP	SF40	TOP	27.5	5/8/2012 4:00	OXIDATION-REDUCTION POTENTIAL	92	Horiba U52 - Field measurement collected 27.5 feet from left bank (30' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Sandy Streambed
CDEOU4-120508-SF41A-BOT	SF41	BOT	2.5	5/8/2012 4:40	OXIDATION-REDUCTION POTENTIAL	87	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41B-BOT	SF41	BOT	7.5	5/8/2012 4:40	OXIDATION-REDUCTION POTENTIAL	90	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41C-BOT	SF41	BOT	12.5	5/8/2012 4:40	OXIDATION-REDUCTION POTENTIAL	97	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41D-BOT	SF41	BOT	17.5	5/8/2012 4:40	OXIDATION-REDUCTION POTENTIAL	102	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41E-BOT	SF41	BOT	22.5	5/8/2012 4:40	OXIDATION-REDUCTION POTENTIAL	56	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41F-BOT	SF41	BOT	27.5	5/8/2012 4:40	OXIDATION-REDUCTION POTENTIAL	59	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41A-TOP	SF41	TOP	2.5	5/8/2012 4:40	OXIDATION-REDUCTION POTENTIAL	87	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41B-TOP	SF41	TOP	7.5	5/8/2012 4:40	OXIDATION-REDUCTION POTENTIAL	90	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41C-TOP	SF41	TOP	12.5	5/8/2012 4:40	OXIDATION-REDUCTION POTENTIAL	92	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41D-TOP	SF41	TOP	17.5	5/8/2012 4:40	OXIDATION-REDUCTION POTENTIAL	96	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41E-TOP	SF41	TOP	22.5	5/8/2012 4:40	OXIDATION-REDUCTION POTENTIAL	96	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41F-TOP	SF41	TOP	27.5	5/8/2012 4:40	OXIDATION-REDUCTION POTENTIAL	52	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF42A-BOT	SF42	BOT	2.5	5/8/2012 4:45	OXIDATION-REDUCTION POTENTIAL	-20	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42B-BOT	SF42	BOT	7.5	5/8/2012 4:45	OXIDATION-REDUCTION POTENTIAL	-12	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42C-BOT	SF42	BOT	12.5	5/8/2012 4:45	OXIDATION-REDUCTION POTENTIAL	14	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42D-BOT	SF42	BOT	17.5	5/8/2012 4:45	OXIDATION-REDUCTION POTENTIAL	25	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42E-BOT	SF42	BOT	22.5	5/8/2012 4:45	OXIDATION-REDUCTION POTENTIAL	39	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42F-BOT	SF42	BOT	27.5	5/8/2012 4:45	OXIDATION-REDUCTION POTENTIAL	45	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42A-TOP	SF42	TOP	2.5	5/8/2012 4:45	OXIDATION-REDUCTION POTENTIAL	-11	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42B-TOP	SF42	TOP	7.5	5/8/2012 4:45	OXIDATION-REDUCTION POTENTIAL	-20	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42C-TOP	SF42	TOP	12.5	5/8/2012 4:45	OXIDATION-REDUCTION POTENTIAL	-2	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42D-TOP	SF42	TOP	17.5	5/8/2012 4:45	OXIDATION-REDUCTION POTENTIAL	13	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42E-TOP	SF42	TOP	22.5	5/8/2012 4:45	OXIDATION-REDUCTION POTENTIAL	31	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42F-TOP	SF42	TOP	27.5	5/8/2012 4:45	OXIDATION-REDUCTION POTENTIAL	37	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF47A-BOT	SF47	BOT	2.5	5/8/2012 5:12	OXIDATION-REDUCTION POTENTIAL	-1	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47B-BOT	SF47	BOT	7.5	5/8/2012 5:12	OXIDATION-REDUCTION POTENTIAL	14	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47C-BOT	SF47	BOT	12.5	5/8/2012 5:12	OXIDATION-REDUCTION POTENTIAL	37	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47D-BOT	SF47	BOT	17.5	5/8/2012 5:12	OXIDATION-REDUCTION POTENTIAL	48	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47E-BOT	SF47	BOT	22.5	5/8/2012 5:12	OXIDATION-REDUCTION POTENTIAL	54	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47A-TOP	SF47	TOP	2.5	5/8/2012 5:12	OXIDATION-REDUCTION POTENTIAL	-1	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47B-TOP	SF47	TOP	7.5	5/8/2012 5:12	OXIDATION-REDUCTION POTENTIAL	14	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47C-TOP	SF47	TOP	12.5	5/8/2012 5:12	OXIDATION-REDUCTION POTENTIAL	23	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47D-TOP	SF47	TOP	17.5	5/8/2012 5:12	OXIDATION-REDUCTION POTENTIAL	38	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47E-TOP	SF47	TOP	22.5	5/8/2012 5:12	OXIDATION-REDUCTION POTENTIAL	44	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF49A-BOT	SF49	BOT	2.5	5/8/2012 5:20	OXIDATION-REDUCTION POTENTIAL	57	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF49B-BOT	SF49	BOT	7.5	5/8/2012 5:20	OXIDATION-REDUCTION POTENTIAL	64	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49C-BOT	SF49	BOT	12.5	5/8/2012 5:20	OXIDATION-REDUCTION POTENTIAL	71	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49D-BOT	SF49	BOT	17.5	5/8/2012 5:20	OXIDATION-REDUCTION POTENTIAL	72	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' feet wide). Sample taken against A-side bank with tree roots
CDEOU4-120508-SF49A-TOP	SF49	TOP	2.5	5/8/2012 5:20	OXIDATION-REDUCTION POTENTIAL	57	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF49B-TOP	SF49	TOP	7.5	5/8/2012 5:20	OXIDATION-REDUCTION POTENTIAL	56	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49C-TOP	SF49	TOP	12.5	5/8/2012 5:20	OXIDATION-REDUCTION POTENTIAL	63	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49D-TOP	SF49	TOP	17.5	5/8/2012 5:20	OXIDATION-REDUCTION POTENTIAL	63	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' feet wide). Sample taken against A-side bank with tree roots
CDEOU4-120508-SF51A-BOT	SF51	BOT	2.5	5/8/2012 5:26	OXIDATION-REDUCTION POTENTIAL	42	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51B-BOT	SF51	BOT	7.5	5/8/2012 5:26	OXIDATION-REDUCTION POTENTIAL	37	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51C-BOT	SF51	BOT	12.5	5/8/2012 5:26	OXIDATION-REDUCTION POTENTIAL	34	Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51D-BOT	SF51	BOT	17.5	5/8/2012 5:26	OXIDATION-REDUCTION POTENTIAL	40	Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51E-BOT	SF51	BOT	22.5	5/8/2012 5:26	OXIDATION-REDUCTION POTENTIAL	45	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51A-TOP	SF51	TOP	2.5	5/8/2012 5:26	OXIDATION-REDUCTION POTENTIAL	38	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51B-TOP	SF51	TOP	7.5	5/8/2012 5:26	OXIDATION-REDUCTION POTENTIAL	26	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51C-TOP	SF51	TOP	12.5	5/8/2012 5:26	OXIDATION-REDUCTION POTENTIAL	30	Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51D-TOP	SF51	TOP	17.5	5/8/2012 5:26	OXIDATION-REDUCTION POTENTIAL	40	Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51E-TOP	SF51	TOP	22.5	5/8/2012 5:26	OXIDATION-REDUCTION POTENTIAL	45	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53A-BOT	SF53	BOT	2.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	51	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53B-BOT	SF53	BOT	7.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	44	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53C-BOT	SF53	BOT	12.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL		Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53D-BOT	SF53	BOT	17.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL		Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53E-BOT	SF53	BOT	22.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	44	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53F-BOT	SF53	BOT	27.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	54	Horiba U52 - Field measurement collected 27.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF53A-TOP	SF53	TOP	2.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	51	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53B-TOP	SF53	TOP	7.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	44	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53C-TOP	SF53	TOP	12.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL		Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53D-TOP	SF53	TOP	17.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL		Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53E-TOP	SF53	TOP	22.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	44	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53F-TOP	SF53	TOP	27.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	50	Horiba U52 - Field measurement collected 27.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF55A-BOT	SF55	BOT	2.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	39	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55B-BOT	SF55	BOT	7.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	37	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55C-BOT	SF55	BOT	12.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	50	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55D-BOT	SF55	BOT	17.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	51	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF55E-BOT	SF55	BOT	22.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	54	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55F-BOT	SF55	BOT	27.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	48	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55A-TOP	SF55	TOP	2.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	39	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55B-TOP	SF55	TOP	7.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	31	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55C-TOP	SF55	TOP	12.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	42	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55D-TOP	SF55	TOP	17.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	48	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55E-TOP	SF55	TOP	22.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	51	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55F-TOP	SF55	TOP	27.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	48	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF57A-BOT	SF57	BOT	2.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	57	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57B-BOT	SF57	BOT	7.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	52	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57C-BOT	SF57	BOT	12.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	51	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57D-BOT	SF57	BOT	17.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	55	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57E-BOT	SF57	BOT	22.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	58	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57F-BOT	SF57	BOT	27.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	55	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57A-TOP	SF57	TOP	2.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	51	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57B-TOP	SF57	TOP	7.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	52	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57C-TOP	SF57	TOP	12.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	45	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57D-TOP	SF57	TOP	17.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	52	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57E-TOP	SF57	TOP	22.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	53	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57F-TOP	SF57	TOP	27.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	52	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF59A-BOT	SF59	BOT	2.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	36	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59B-BOT	SF59	BOT	7.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	46	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59C-BOT	SF59	BOT	12.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	56	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59D-BOT	SF59	BOT	17.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	48	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59E-BOT	SF59	BOT	22.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	-8	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59F-BOT	SF59	BOT	25.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	-36	Horiba U52 - Field measurement collected 25.5 feet from left bank (27' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF59A-TOP	SF59	TOP	2.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	18	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59B-TOP	SF59	TOP	7.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	39	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59C-TOP	SF59	TOP	12.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	50	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59D-TOP	SF59	TOP	17.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	47	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59E-TOP	SF59	TOP	22.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	-12	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59F-TOP	SF59	TOP	25.5	5/8/2012	OXIDATION-REDUCTION POTENTIAL	-36	Horiba U52 - Field measurement collected 25.5 feet from left bank (27' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SFMMDA-TOP-DOWN	SFMMD	TOP	15	5/8/2012 5:00	OXIDATION-REDUCTION POTENTIAL	76	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Downstream side of Manmade Dam - On middle of dam. Attempt 1
CDEOU4-120508-SFMMDB-TOP-DOWN	SFMMD	TOP	15	5/8/2012 5:00	OXIDATION-REDUCTION POTENTIAL	83	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Downstream side of Manmade Dam - On middle of dam. Attempt 2
CDEOU4-120508-SFMMDB-TOP-UP	SFMMD	TOP	15	5/8/2012 5:00	OXIDATION-REDUCTION POTENTIAL	78	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Upstream side of Manmade Dam - On middle of dam. Attempt 2
CDEOU4-120508-SFMMDA-TOP-UP	SFMMD	TOP	15	5/8/2012 5:00	OXIDATION-REDUCTION POTENTIAL	68	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Upstream side of Manmade Dam - On middle of dam. Attempt 1
CDEOU4-120507-SF1A-BOT	SF1	BOT	2.5	5/7/2012 10:15	PH	6.94	Horiba U52 - Field measurement collected 2.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1B-BOT	SF1	BOT	7.5	5/7/2012 10:15	PH	6.92	Horiba U52 - Field measurement collected 7.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1C-BOT	SF1	BOT	12.5	5/7/2012 10:15	PH	6.86	Horiba U52 - Field measurement collected 12.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1D-BOT	SF1	BOT	17.5	5/7/2012 10:15	PH	6.94	Horiba U52 - Field measurement collected 17.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1A-TOP	SF1	TOP	2.5	5/7/2012 10:15	PH	6.91	Horiba U52 - Field measurement collected 2.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1B-TOP	SF1	TOP	7.5	5/7/2012 10:15	PH	6.88	Horiba U52 - Field measurement collected 7.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1C-TOP	SF1	TOP	12.5	5/7/2012 10:15	PH	6.87	Horiba U52 - Field measurement collected 12.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1D-TOP	SF1	TOP	17.5	5/7/2012 10:15	PH	6.92	Horiba U52 - Field measurement collected 17.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF2A-BOT	SF2	BOT	2.5	5/7/2012 10:42	PH	7.06	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2B-BOT	SF2	BOT	7.5	5/7/2012 10:42	PH	6.98	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2C-BOT	SF2	BOT	12.5	5/7/2012 10:42	PH	6.98	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2D-BOT	SF2	BOT	17.5	5/7/2012 10:42	PH	7	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2E-BOT	SF2	BOT	22.5	5/7/2012 10:42	PH	7.06	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2A-TOP	SF2	TOP	2.5	5/7/2012 10:42	PH	7.06	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2B-TOP	SF2	TOP	7.5	5/7/2012 10:42	PH	6.99	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2C-TOP	SF2	TOP	12.5	5/7/2012 10:42	PH	7.01	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2D-TOP	SF2	TOP	17.5	5/7/2012 10:42	PH	7.03	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2E-TOP	SF2	TOP	22.5	5/7/2012 10:42	PH	7.16	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF3A-BOT	SF3	BOT	2.5	5/7/2012 11:02	PH	7.05	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3B-BOT	SF3	BOT	7.5	5/7/2012 11:02	PH	7.06	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3C-BOT	SF3	BOT	12.5	5/7/2012 11:02	PH	7.17	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). Shallow water: TOP sample equals BOTTOM sample
CDEOU4-120507-SF3D-BOT	SF3	BOT	17.5	5/7/2012 11:02	PH	7.18	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3E-BOT	SF3	BOT	22.5	5/7/2012 11:02	PH	7.19	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3F-BOT	SF3	BOT	27.5	5/7/2012 11:02	PH	7.22	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3G-BOT	SF3	BOT	32.5	5/7/2012 11:02	PH	7.25	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3A-TOP	SF3	TOP	2.5	5/7/2012 11:02	PH	7.09	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3B-TOP	SF3	TOP	7.5	5/7/2012 11:02	PH	7.08	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3C-TOP	SF3	TOP	12.5	5/7/2012 11:02	PH	7.17	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). Shallow water: TOP sample equals BOTTOM sample
CDEOU4-120507-SF3D-TOP	SF3	TOP	17.5	5/7/2012 11:02	PH	7.22	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3E-TOP	SF3	TOP	22.5	5/7/2012 11:02	PH	7.25	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3F-TOP	SF3	TOP	27.5	5/7/2012 11:02	PH	7.28	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3G-TOP	SF3	TOP	32.5	5/7/2012 11:02	PH	7.33	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF4A-BOT	SF4	BOT	2.5	5/7/2012 11:41	PH	7.31	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4B-BOT	SF4	BOT	7.5	5/7/2012 11:41	PH	7.25	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4C-BOT	SF4	BOT	12.5	5/7/2012 11:41	PH	7.25	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4D-BOT	SF4	BOT	17.5	5/7/2012 11:41	PH	7.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4E-BOT	SF4	BOT	22.5	5/7/2012 11:41	PH	7.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4A-TOP	SF4	TOP	2.5	5/7/2012 11:41	PH	7.37	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4B-TOP	SF4	TOP	7.5	5/7/2012 11:41	PH	7.34	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4C-TOP	SF4	TOP	12.5	5/7/2012 11:41	PH	7.36	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4D-TOP	SF4	TOP	17.5	5/7/2012 11:41	PH	7.31	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4E-TOP	SF4	TOP	22.5	5/7/2012 11:41	PH	7.35	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF5A-BOT	SF5	BOT	2.5	5/7/2012 0:21	PH		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). No Reading - Log obstructing measurement
CDEOU4-120507-SF5B-BOT	SF5	BOT	7.5	5/7/2012 0:21	PH	7.26	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5C-BOT	SF5	BOT	12.5	5/7/2012 0:21	PH	7.25	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120507-SF5D-BOT	SF5	BOT	17.5	5/7/2012 0:21	PH	7.24	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5E-BOT	SF5	BOT	22.5	5/7/2012 0:21	PH		Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Debris obstructing bottom measurement
CDEOU4-120507-SF5A-TOP	SF5	TOP	2.5	5/7/2012 0:21	PH		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). No Reading - Log obstructing measurement
CDEOU4-120507-SF5B-TOP	SF5	TOP	7.5	5/7/2012 0:21	PH	7.39	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5C-TOP	SF5	TOP	12.5	5/7/2012 0:21	PH	7.42	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5D-TOP	SF5	TOP	17.5	5/7/2012 0:21	PH	7.41	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5E-TOP	SF5	TOP	22.5	5/7/2012 0:21	PH	7.36	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF6A-BOT	SF6	BOT	2.5	5/7/2012 2:02	PH	7.1	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). Shallow Water: TOP sample equals BOTTOM sample - B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6B-BOT	SF6	BOT	7.5	5/7/2012 2:02	PH	7.02	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6C-BOT	SF6	BOT	12.5	5/7/2012 2:02	PH	7.11	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6D-BOT	SF6	BOT	17.5	5/7/2012 2:02	PH	7.14	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6E-BOT	SF6	BOT	22.5	5/7/2012 2:02	PH	7.19	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6F-BOT	SF6	BOT	27.5	5/7/2012 2:02	PH	7.17	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6G-BOT	SF6	BOT	32.5	5/7/2012 2:02	PH	7.24	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6A-TOP	SF6	TOP	2.5	5/7/2012 2:02	PH	7.1	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). Shallow Water: TOP sample equals BOTTOM sample - B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6B-TOP	SF6	TOP	7.5	5/7/2012 2:02	PH	7.13	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6C-TOP	SF6	TOP	12.5	5/7/2012 2:02	PH	7.15	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6D-TOP	SF6	TOP	17.5	5/7/2012 2:02	PH	7.25	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6E-TOP	SF6	TOP	22.5	5/7/2012 2:02	PH	7.31	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6F-TOP	SF6	TOP	27.5	5/7/2012 2:02	PH	7.34	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6G-TOP	SF6	TOP	32.5	5/7/2012 2:02	PH	7.32	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF7A-BOT	SF7	BOT	2.5	5/7/2012 2:42	PH	7.22	Horiba U52 - Field measurement collected 2.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7B-BOT	SF7	BOT	7.5	5/7/2012 2:42	PH	7.23	Horiba U52 - Field measurement collected 7.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7C-BOT	SF7	BOT	12.5	5/7/2012 2:42	PH	7.23	Horiba U52 - Field measurement collected 12.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7D-BOT	SF7	BOT	17.5	5/7/2012 2:42	PH	7.29	Horiba U52 - Field measurement collected 17.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7E-BOT	SF7	BOT	22.5	5/7/2012 2:42	PH	7.48	Horiba U52 - Field measurement collected 22.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7F-BOT	SF7	BOT	27.5	5/7/2012 2:42	PH	7.22	Horiba U52 - Field measurement collected 27.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7G-BOT	SF7	BOT	32.5	5/7/2012 2:42	PH	7.24	Horiba U52 - Field measurement collected 32.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7A-TOP	SF7	TOP	2.5	5/7/2012 2:42	PH	7.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7B-TOP	SF7	TOP	7.5	5/7/2012 2:42	PH	7.35	Horiba U52 - Field measurement collected 7.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7C-TOP	SF7	TOP	12.5	5/7/2012 2:42	PH	7.41	Horiba U52 - Field measurement collected 12.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7D-TOP	SF7	TOP	17.5	5/7/2012 2:42	PH	7.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7E-TOP	SF7	TOP	22.5	5/7/2012 2:42	PH	7.23	Horiba U52 - Field measurement collected 22.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7F-TOP	SF7	TOP	27.5	5/7/2012 2:42	PH	7.42	Horiba U52 - Field measurement collected 27.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7G-TOP	SF7	TOP	32.5	5/7/2012 2:42	PH	7.46	Horiba U52 - Field measurement collected 32.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF8A-BOT	SF8	BOT	2.5	5/7/2012 3:06	PH	7.28	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8B-BOT	SF8	BOT	7.5	5/7/2012 3:06	PH	7.23	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8C-BOT	SF8	BOT	12.5	5/7/2012 3:06	PH	7.25	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8D-BOT	SF8	BOT	17.5	5/7/2012 3:06	PH	7.33	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8E-BOT	SF8	BOT	22.5	5/7/2012 3:06	PH	7.32	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8F-BOT	SF8	BOT	27.5	5/7/2012 3:06	PH	7.34	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8A-TOP	SF8	TOP	2.5	5/7/2012 3:06	PH	7.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8B-TOP	SF8	TOP	7.5	5/7/2012 3:06	PH	7.35	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8C-TOP	SF8	TOP	12.5	5/7/2012 3:06	PH	7.42	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8D-TOP	SF8	TOP	17.5	5/7/2012 3:06	PH	7.48	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8E-TOP	SF8	TOP	22.5	5/7/2012 3:06	PH	7.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8F-TOP	SF8	TOP	27.5	5/7/2012 3:06	PH	7.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF9A-BOT	SF9	BOT	2.5	5/7/2012 3:37	PH	7.29	Horiba U52 - Field measurement collected 2.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9B-BOT	SF9	BOT	7.5	5/7/2012 3:37	PH	7.11	Horiba U52 - Field measurement collected 7.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9C-BOT	SF9	BOT	12.5	5/7/2012 3:37	PH	7.23	Horiba U52 - Field measurement collected 12.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9D-BOT	SF9	BOT	17.5	5/7/2012 3:37	PH		Horiba U52 - Field measurement collected 17.5 feet from left bank (39' feet wide). Measurement OMITTED - bad placement (barrel in way)
CDEOU4-120507-SF9E-BOT	SF9	BOT	22.5	5/7/2012 3:37	PH	7.27	Horiba U52 - Field measurement collected 22.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9F-BOT	SF9	BOT	27.5	5/7/2012 3:37	PH		Horiba U52 - Field measurement collected 27.5 feet from left bank (39' feet wide). No bottom measurement due to obstruction from debris
CDEOU4-120507-SF9G-BOT	SF9	BOT	32.5	5/7/2012 3:37	PH	7.31	Horiba U52 - Field measurement collected 32.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9A-TOP	SF9	TOP	2.5	5/7/2012 3:37	PH	7.35	Horiba U52 - Field measurement collected 2.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9B-TOP	SF9	TOP	7.5	5/7/2012 3:37	PH	7.26	Horiba U52 - Field measurement collected 7.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9C-TOP	SF9	TOP	12.5	5/7/2012 3:37	PH	7.11	Horiba U52 - Field measurement collected 12.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9D-TOP	SF9	TOP	17.5	5/7/2012 3:37	PH		Horiba U52 - Field measurement collected 17.5 feet from left bank (39' feet wide). Measurement OMITTED - bad placement (barrel in way)
CDEOU4-120507-SF9E-TOP	SF9	TOP	22.5	5/7/2012 3:37	PH	7.35	Horiba U52 - Field measurement collected 22.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9F-TOP	SF9	TOP	27.5	5/7/2012 3:37	PH	7.42	Horiba U52 - Field measurement collected 27.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9G-TOP	SF9	TOP	32.5	5/7/2012 3:37	PH	7.39	Horiba U52 - Field measurement collected 32.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF10A-BOT	SF10	BOT	2.5	5/7/2012 3:58	PH	7.34	Horiba U52 - Field measurement collected 2.5 feet from left bank (34' 8" feet wide). Underneath Reeds
CDEOU4-120507-SF10B-BOT	SF10	BOT	7.5	5/7/2012 3:58	PH	7.24	Horiba U52 - Field measurement collected 7.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10C-BOT	SF10	BOT	12.5	5/7/2012 3:58	PH	7.29	Horiba U52 - Field measurement collected 12.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10D-BOT	SF10	BOT	17.5	5/7/2012 3:58	PH	7.29	Horiba U52 - Field measurement collected 17.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10E-BOT	SF10	BOT	22.5	5/7/2012 3:58	PH	7.31	Horiba U52 - Field measurement collected 22.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10F-BOT	SF10	BOT	27.5	5/7/2012 3:58	PH	7.26	Horiba U52 - Field measurement collected 27.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10G-BOT	SF10	BOT	32.5	5/7/2012 3:58	PH	7.34	Horiba U52 - Field measurement collected 32.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10A-TOP	SF10	TOP	2.5	5/7/2012 3:58	PH	7.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (34' 8" feet wide). Underneath Reeds
CDEOU4-120507-SF10B-TOP	SF10	TOP	7.5	5/7/2012 3:58	PH	7.36	Horiba U52 - Field measurement collected 7.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10C-TOP	SF10	TOP	12.5	5/7/2012 3:58	PH	7.45	Horiba U52 - Field measurement collected 12.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10D-TOP	SF10	TOP	17.5	5/7/2012 3:58	PH	7.46	Horiba U52 - Field measurement collected 17.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10E-TOP	SF10	TOP	22.5	5/7/2012 3:58	PH	7.43	Horiba U52 - Field measurement collected 22.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10F-TOP	SF10	TOP	27.5	5/7/2012 3:58	PH	7.41	Horiba U52 - Field measurement collected 27.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10G-TOP	SF10	TOP	32.5	5/7/2012 3:58	PH	7.42	Horiba U52 - Field measurement collected 32.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF11A-BOT	SF11	BOT	2.5	5/7/2012 4:15	PH	7.27	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11B-BOT	SF11	BOT	7.5	5/7/2012 4:15	PH	7.31	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11C-BOT	SF11	BOT	12.5	5/7/2012 4:15	PH	7.27	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11D-BOT	SF11	BOT	17.5	5/7/2012 4:15	PH	7.27	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11E-BOT	SF11	BOT	22.5	5/7/2012 4:15	PH	7.31	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11A-TOP	SF11	TOP	2.5	5/7/2012 4:15	PH	7.36	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120507-SF11B-TOP	SF11	TOP	7.5	5/7/2012 4:15	PH	7.42	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11C-TOP	SF11	TOP	12.5	5/7/2012 4:15	PH	7.42	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11D-TOP	SF11	TOP	17.5	5/7/2012 4:15	PH	7.38	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11E-TOP	SF11	TOP	22.5	5/7/2012 4:15	PH	7.42	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF12A-BOT	SF12	BOT	2.5	5/7/2012 4:43	PH	7.32	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12B-BOT	SF12	BOT	7.5	5/7/2012 4:43	PH	7.28	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12C-BOT	SF12	BOT	12.5	5/7/2012 4:43	PH	7.18	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12D-BOT	SF12	BOT	17.5	5/7/2012 4:43	PH	7.22	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12E-BOT	SF12	BOT	22.5	5/7/2012 4:43	PH	7.26	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12F-BOT	SF12	BOT	27.5	5/7/2012 4:43	PH	7.17	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12A-TOP	SF12	TOP	2.5	5/7/2012 4:43	PH	7.41	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12B-TOP	SF12	TOP	7.5	5/7/2012 4:43	PH	7.42	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12C-TOP	SF12	TOP	12.5	5/7/2012 4:43	PH	7.47	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12D-TOP	SF12	TOP	17.5	5/7/2012 4:43	PH	7.47	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12E-TOP	SF12	TOP	22.5	5/7/2012 4:43	PH	7.49	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12F-TOP	SF12	TOP	27.5	5/7/2012 4:43	PH	7.43	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120508-SF38A-BOT	SF38	BOT	2.5	5/8/2012 3:18	PH	7.34	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38B-BOT	SF38	BOT	7.5	5/8/2012 3:18	PH	7.33	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38C-BOT	SF38	BOT	12.5	5/8/2012 3:18	PH	7.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38D-BOT	SF38	BOT	17.5	5/8/2012 3:18	PH	7.27	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38E-BOT	SF38	BOT	22.5	5/8/2012 3:18	PH	7.29	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38A-TOP	SF38	TOP	2.5	5/8/2012 3:18	PH	7.34	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38B-TOP	SF38	TOP	7.5	5/8/2012 3:18	PH	7.33	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38C-TOP	SF38	TOP	12.5	5/8/2012 3:18	PH	7.35	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38D-TOP	SF38	TOP	17.5	5/8/2012 3:18	PH	7.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38E-TOP	SF38	TOP	22.5	5/8/2012 3:18	PH	7.38	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF39A-BOT	SF39	BOT	2.5	5/8/2012 3:33	PH	7.31	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39B-BOT	SF39	BOT	7.5	5/8/2012 3:33	PH	7.29	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39C-BOT	SF39	BOT	12.5	5/8/2012 3:33	PH	7.29	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39D-BOT	SF39	BOT	17.5	5/8/2012 3:33	PH	7.29	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39E-BOT	SF39	BOT	22.5	5/8/2012 3:33	PH	7.31	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39F-BOT	SF39	BOT	27.5	5/8/2012 3:33	PH	7.38	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF39A-TOP	SF39	TOP	2.5	5/8/2012 3:33	PH	7.35	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39B-TOP	SF39	TOP	7.5	5/8/2012 3:33	PH	7.36	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39C-TOP	SF39	TOP	12.5	5/8/2012 3:33	PH	7.33	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39D-TOP	SF39	TOP	17.5	5/8/2012 3:33	PH	7.37	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39E-TOP	SF39	TOP	22.5	5/8/2012 3:33	PH	7.35	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39F-TOP	SF39	TOP	27.5	5/8/2012 3:33	PH	7.38	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF40A-BOT	SF40	BOT	2.5	5/8/2012 4:00	PH	7.32	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40B-BOT	SF40	BOT	7.5	5/8/2012 4:00	PH	7.32	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40C-BOT	SF40	BOT	12.5	5/8/2012 4:00	PH	7.31	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40D-BOT	SF40	BOT	17.5	5/8/2012 4:00	PH	7.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40E-BOT	SF40	BOT	22.5	5/8/2012 4:00	PH	7.28	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40F-BOT	SF40	BOT	27.5	5/8/2012 4:00	PH	7.36	Horiba U52 - Field measurement collected 27.5 feet from left bank (30' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Sandy Streambed
CDEOU4-120508-SF40A-TOP	SF40	TOP	2.5	5/8/2012 4:00	PH	7.36	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40B-TOP	SF40	TOP	7.5	5/8/2012 4:00	PH	7.32	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40C-TOP	SF40	TOP	12.5	5/8/2012 4:00	PH	7.34	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40D-TOP	SF40	TOP	17.5	5/8/2012 4:00	PH	7.39	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40E-TOP	SF40	TOP	22.5	5/8/2012 4:00	PH	7.36	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40F-TOP	SF40	TOP	27.5	5/8/2012 4:00	PH	7.36	Horiba U52 - Field measurement collected 27.5 feet from left bank (30' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Sandy Streambed
CDEOU4-120508-SF41A-BOT	SF41	BOT	2.5	5/8/2012 4:40	PH	7.34	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41B-BOT	SF41	BOT	7.5	5/8/2012 4:40	PH	7.31	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41C-BOT	SF41	BOT	12.5	5/8/2012 4:40	PH	7.33	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41D-BOT	SF41	BOT	17.5	5/8/2012 4:40	PH	7.28	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41E-BOT	SF41	BOT	22.5	5/8/2012 4:40	PH	7.29	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41F-BOT	SF41	BOT	27.5	5/8/2012 4:40	PH	7.34	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41A-TOP	SF41	TOP	2.5	5/8/2012 4:40	PH	7.34	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41B-TOP	SF41	TOP	7.5	5/8/2012 4:40	PH	7.31	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41C-TOP	SF41	TOP	12.5	5/8/2012 4:40	PH	7.33	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41D-TOP	SF41	TOP	17.5	5/8/2012 4:40	PH	7.38	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41E-TOP	SF41	TOP	22.5	5/8/2012 4:40	PH	7.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41F-TOP	SF41	TOP	27.5	5/8/2012 4:40	PH	7.39	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF42A-BOT	SF42	BOT	2.5	5/8/2012 4:45	PH	7.19	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42B-BOT	SF42	BOT	7.5	5/8/2012 4:45	PH	7.29	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42C-BOT	SF42	BOT	12.5	5/8/2012 4:45	PH	7.22	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42D-BOT	SF42	BOT	17.5	5/8/2012 4:45	PH	7.27	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42E-BOT	SF42	BOT	22.5	5/8/2012 4:45	PH	7.23	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42F-BOT	SF42	BOT	27.5	5/8/2012 4:45	PH	7.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42A-TOP	SF42	TOP	2.5	5/8/2012 4:45	PH	7.28	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42B-TOP	SF42	TOP	7.5	5/8/2012 4:45	PH	7.34	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42C-TOP	SF42	TOP	12.5	5/8/2012 4:45	PH	7.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42D-TOP	SF42	TOP	17.5	5/8/2012 4:45	PH	7.37	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42E-TOP	SF42	TOP	22.5	5/8/2012 4:45	PH	7.32	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42F-TOP	SF42	TOP	27.5	5/8/2012 4:45	PH	7.38	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF47A-BOT	SF47	BOT	2.5	5/8/2012 5:12	PH	7.38	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47B-BOT	SF47	BOT	7.5	5/8/2012 5:12	PH	7.22	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47C-BOT	SF47	BOT	12.5	5/8/2012 5:12	PH	7.33	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47D-BOT	SF47	BOT	17.5	5/8/2012 5:12	PH	7.29	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47E-BOT	SF47	BOT	22.5	5/8/2012 5:12	PH	7.32	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47A-TOP	SF47	TOP	2.5	5/8/2012 5:12	PH	7.38	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47B-TOP	SF47	TOP	7.5	5/8/2012 5:12	PH	7.22	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF47C-TOP	SF47	TOP	12.5	5/8/2012 5:12	PH	7.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47D-TOP	SF47	TOP	17.5	5/8/2012 5:12	PH	7.42	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47E-TOP	SF47	TOP	22.5	5/8/2012 5:12	PH	7.44	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF49A-BOT	SF49	BOT	2.5	5/8/2012 5:20	PH	7.36	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF49B-BOT	SF49	BOT	7.5	5/8/2012 5:20	PH	7.28	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49C-BOT	SF49	BOT	12.5	5/8/2012 5:20	PH	7.26	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49D-BOT	SF49	BOT	17.5	5/8/2012 5:20	PH	7.29	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' feet wide). Sample taken against A-side bank with tree roots
CDEOU4-120508-SF49A-TOP	SF49	TOP	2.5	5/8/2012 5:20	PH	7.36	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF49B-TOP	SF49	TOP	7.5	5/8/2012 5:20	PH	7.39	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49C-TOP	SF49	TOP	12.5	5/8/2012 5:20	PH	7.35	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49D-TOP	SF49	TOP	17.5	5/8/2012 5:20	PH	7.41	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' feet wide). Sample taken against A-side bank with tree roots
CDEOU4-120508-SF51A-BOT	SF51	BOT	2.5	5/8/2012 5:26	PH	7.33	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51B-BOT	SF51	BOT	7.5	5/8/2012 5:26	PH	7.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51C-BOT	SF51	BOT	12.5	5/8/2012 5:26	PH	7.32	Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51D-BOT	SF51	BOT	17.5	5/8/2012 5:26	PH	7.34	Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51E-BOT	SF51	BOT	22.5	5/8/2012 5:26	PH	7.35	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51A-TOP	SF51	TOP	2.5	5/8/2012 5:26	PH	7.39	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51B-TOP	SF51	TOP	7.5	5/8/2012 5:26	PH	7.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51C-TOP	SF51	TOP	12.5	5/8/2012 5:26	PH	7.39	Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51D-TOP	SF51	TOP	17.5	5/8/2012 5:26	PH	7.34	Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51E-TOP	SF51	TOP	22.5	5/8/2012 5:26	PH	7.35	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53A-BOT	SF53	BOT	2.5	5/8/2012	PH	7.33	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53B-BOT	SF53	BOT	7.5	5/8/2012	PH	7.43	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53C-BOT	SF53	BOT	12.5	5/8/2012	PH		Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53D-BOT	SF53	BOT	17.5	5/8/2012	PH		Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53E-BOT	SF53	BOT	22.5	5/8/2012	PH	7.36	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53F-BOT	SF53	BOT	27.5	5/8/2012	PH	7.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF53A-TOP	SF53	TOP	2.5	5/8/2012	PH	7.33	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53B-TOP	SF53	TOP	7.5	5/8/2012	PH	7.43	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53C-TOP	SF53	TOP	12.5	5/8/2012	PH		Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53D-TOP	SF53	TOP	17.5	5/8/2012	PH		Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53E-TOP	SF53	TOP	22.5	5/8/2012	PH	7.36	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53F-TOP	SF53	TOP	27.5	5/8/2012	PH	7.35	Horiba U52 - Field measurement collected 27.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF55A-BOT	SF55	BOT	2.5	5/8/2012	PH	7.44	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55B-BOT	SF55	BOT	7.5	5/8/2012	PH	7.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55C-BOT	SF55	BOT	12.5	5/8/2012	PH	7.37	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55D-BOT	SF55	BOT	17.5	5/8/2012	PH	7.38	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55E-BOT	SF55	BOT	22.5	5/8/2012	PH	7.37	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55F-BOT	SF55	BOT	27.5	5/8/2012	PH	7.39	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55A-TOP	SF55	TOP	2.5	5/8/2012	PH	7.44	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55B-TOP	SF55	TOP	7.5	5/8/2012	PH	7.43	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55C-TOP	SF55	TOP	12.5	5/8/2012	PH	7.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55D-TOP	SF55	TOP	17.5	5/8/2012	PH	7.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55E-TOP	SF55	TOP	22.5	5/8/2012	PH	7.42	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55F-TOP	SF55	TOP	27.5	5/8/2012	PH	7.39	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF57A-BOT	SF57	BOT	2.5	5/8/2012	PH	7.32	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57B-BOT	SF57	BOT	7.5	5/8/2012	PH	7.32	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57C-BOT	SF57	BOT	12.5	5/8/2012	PH	7.35	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57D-BOT	SF57	BOT	17.5	5/8/2012	PH	7.34	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57E-BOT	SF57	BOT	22.5	5/8/2012	PH	7.33	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57F-BOT	SF57	BOT	27.5	5/8/2012	PH	7.34	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57A-TOP	SF57	TOP	2.5	5/8/2012	PH	7.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57B-TOP	SF57	TOP	7.5	5/8/2012	PH	7.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57C-TOP	SF57	TOP	12.5	5/8/2012	PH	7.39	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57D-TOP	SF57	TOP	17.5	5/8/2012	PH	7.38	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57E-TOP	SF57	TOP	22.5	5/8/2012	PH	7.38	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57F-TOP	SF57	TOP	27.5	5/8/2012	PH	7.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF59A-BOT	SF59	BOT	2.5	5/8/2012	PH	7.39	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59B-BOT	SF59	BOT	7.5	5/8/2012	PH	7.32	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59C-BOT	SF59	BOT	12.5	5/8/2012	PH	7.31	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59D-BOT	SF59	BOT	17.5	5/8/2012	PH	7.32	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59E-BOT	SF59	BOT	22.5	5/8/2012	PH	7.32	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59F-BOT	SF59	BOT	25.5	5/8/2012	PH	7.36	Horiba U52 - Field measurement collected 25.5 feet from left bank (27' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF59A-TOP	SF59	TOP	2.5	5/8/2012	PH	7.46	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59B-TOP	SF59	TOP	7.5	5/8/2012	PH	7.39	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59C-TOP	SF59	TOP	12.5	5/8/2012	PH	7.39	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59D-TOP	SF59	TOP	17.5	5/8/2012	PH	7.38	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59E-TOP	SF59	TOP	22.5	5/8/2012	PH	7.36	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59F-TOP	SF59	TOP	25.5	5/8/2012	PH	7.36	Horiba U52 - Field measurement collected 25.5 feet from left bank (27' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SFMMDA-TOP-DOWN	SFMMD	TOP	15	5/8/2012 5:00	PH	7.33	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Downstream side of Manmade Dam - On middle of dam. Attempt 1
CDEOU4-120508-SFMMDB-TOP-DOWN	SFMMD	TOP	15	5/8/2012 5:00	PH	7.29	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Downstream side of Manmade Dam - On middle of dam. Attempt 2
CDEOU4-120508-SFMMDB-TOP-UP	SFMMD	TOP	15	5/8/2012 5:00	PH	7.33	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Upstream side of Manmade Dam - On middle of dam. Attempt 2
CDEOU4-120508-SFMMDA-TOP-UP	SFMMD	TOP	15	5/8/2012 5:00	PH	7.43	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Upstream side of Manmade Dam - On middle of dam. Attempt 1
CDEOU4-120507-SF1A-BOT	SF1	BOT	2.5	5/7/2012 10:15	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1B-BOT	SF1	BOT	7.5	5/7/2012 10:15	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1C-BOT	SF1	BOT	12.5	5/7/2012 10:15	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1D-BOT	SF1	BOT	17.5	5/7/2012 10:15	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1A-TOP	SF1	TOP	2.5	5/7/2012 10:15	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1B-TOP	SF1	TOP	7.5	5/7/2012 10:15	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1C-TOP	SF1	TOP	12.5	5/7/2012 10:15	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1D-TOP	SF1	TOP	17.5	5/7/2012 10:15	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (23' 6" feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120507-SF2A-BOT	SF2	BOT	2.5	5/7/2012 10:42	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2B-BOT	SF2	BOT	7.5	5/7/2012 10:42	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2C-BOT	SF2	BOT	12.5	5/7/2012 10:42	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2D-BOT	SF2	BOT	17.5	5/7/2012 10:42	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2E-BOT	SF2	BOT	22.5	5/7/2012 10:42	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2A-TOP	SF2	TOP	2.5	5/7/2012 10:42	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2B-TOP	SF2	TOP	7.5	5/7/2012 10:42	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2C-TOP	SF2	TOP	12.5	5/7/2012 10:42	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2D-TOP	SF2	TOP	17.5	5/7/2012 10:42	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2E-TOP	SF2	TOP	22.5	5/7/2012 10:42	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF3A-BOT	SF3	BOT	2.5	5/7/2012 11:02	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3B-BOT	SF3	BOT	7.5	5/7/2012 11:02	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3C-BOT	SF3	BOT	12.5	5/7/2012 11:02	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). Shallow water: TOP sample equals BOTTOM sample
CDEOU4-120507-SF3D-BOT	SF3	BOT	17.5	5/7/2012 11:02	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3E-BOT	SF3	BOT	22.5	5/7/2012 11:02	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3F-BOT	SF3	BOT	27.5	5/7/2012 11:02	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3G-BOT	SF3	BOT	32.5	5/7/2012 11:02	SALINITY	0.3	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3A-TOP	SF3	TOP	2.5	5/7/2012 11:02	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3B-TOP	SF3	TOP	7.5	5/7/2012 11:02	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3C-TOP	SF3	TOP	12.5	5/7/2012 11:02	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). Shallow water: TOP sample equals BOTTOM sample
CDEOU4-120507-SF3D-TOP	SF3	TOP	17.5	5/7/2012 11:02	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3E-TOP	SF3	TOP	22.5	5/7/2012 11:02	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3F-TOP	SF3	TOP	27.5	5/7/2012 11:02	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3G-TOP	SF3	TOP	32.5	5/7/2012 11:02	SALINITY	0.3	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF4A-BOT	SF4	BOT	2.5	5/7/2012 11:41	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4B-BOT	SF4	BOT	7.5	5/7/2012 11:41	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4C-BOT	SF4	BOT	12.5	5/7/2012 11:41	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4D-BOT	SF4	BOT	17.5	5/7/2012 11:41	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4E-BOT	SF4	BOT	22.5	5/7/2012 11:41	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4A-TOP	SF4	TOP	2.5	5/7/2012 11:41	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4B-TOP	SF4	TOP	7.5	5/7/2012 11:41	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4C-TOP	SF4	TOP	12.5	5/7/2012 11:41	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4D-TOP	SF4	TOP	17.5	5/7/2012 11:41	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4E-TOP	SF4	TOP	22.5	5/7/2012 11:41	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF5A-BOT	SF5	BOT	2.5	5/7/2012 0:21	SALINITY		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). No Reading - Log obstructing measurement
CDEOU4-120507-SF5B-BOT	SF5	BOT	7.5	5/7/2012 0:21	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5C-BOT	SF5	BOT	12.5	5/7/2012 0:21	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5D-BOT	SF5	BOT	17.5	5/7/2012 0:21	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5E-BOT	SF5	BOT	22.5	5/7/2012 0:21	SALINITY		Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Debris obstructing bottom measurement
CDEOU4-120507-SF5A-TOP	SF5	TOP	2.5	5/7/2012 0:21	SALINITY		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). No Reading - Log obstructing measurement
CDEOU4-120507-SF5B-TOP	SF5	TOP	7.5	5/7/2012 0:21	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5C-TOP	SF5	TOP	12.5	5/7/2012 0:21	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5D-TOP	SF5	TOP	17.5	5/7/2012 0:21	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5E-TOP	SF5	TOP	22.5	5/7/2012 0:21	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF6A-BOT	SF6	BOT	2.5	5/7/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). Shallow Water: TOP sample equals BOTTOM sample - B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6B-BOT	SF6	BOT	7.5	5/7/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6C-BOT	SF6	BOT	12.5	5/7/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6D-BOT	SF6	BOT	17.5	5/7/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6E-BOT	SF6	BOT	22.5	5/7/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6F-BOT	SF6	BOT	27.5	5/7/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6G-BOT	SF6	BOT	32.5	5/7/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6A-TOP	SF6	TOP	2.5	5/7/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). Shallow Water: TOP sample equals BOTTOM sample - B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6B-TOP	SF6	TOP	7.5	5/7/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6C-TOP	SF6	TOP	12.5	5/7/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6D-TOP	SF6	TOP	17.5	5/7/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6E-TOP	SF6	TOP	22.5	5/7/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6F-TOP	SF6	TOP	27.5	5/7/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6G-TOP	SF6	TOP	32.5	5/7/2012 2:02	SALINITY	0.3	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF7A-BOT	SF7	BOT	2.5	5/7/2012 2:42	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7B-BOT	SF7	BOT	7.5	5/7/2012 2:42	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7C-BOT	SF7	BOT	12.5	5/7/2012 2:42	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7D-BOT	SF7	BOT	17.5	5/7/2012 2:42	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7E-BOT	SF7	BOT	22.5	5/7/2012 2:42	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7F-BOT	SF7	BOT	27.5	5/7/2012 2:42	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7G-BOT	SF7	BOT	32.5	5/7/2012 2:42	SALINITY	0.3	Horiba U52 - Field measurement collected 32.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7A-TOP	SF7	TOP	2.5	5/7/2012 2:42	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7B-TOP	SF7	TOP	7.5	5/7/2012 2:42	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7C-TOP	SF7	TOP	12.5	5/7/2012 2:42	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7D-TOP	SF7	TOP	17.5	5/7/2012 2:42	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7E-TOP	SF7	TOP	22.5	5/7/2012 2:42	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7F-TOP	SF7	TOP	27.5	5/7/2012 2:42	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7G-TOP	SF7	TOP	32.5	5/7/2012 2:42	SALINITY	0.3	Horiba U52 - Field measurement collected 32.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF8A-BOT	SF8	BOT	2.5	5/7/2012 3:06	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8B-BOT	SF8	BOT	7.5	5/7/2012 3:06	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8C-BOT	SF8	BOT	12.5	5/7/2012 3:06	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8D-BOT	SF8	BOT	17.5	5/7/2012 3:06	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8E-BOT	SF8	BOT	22.5	5/7/2012 3:06	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8F-BOT	SF8	BOT	27.5	5/7/2012 3:06	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8A-TOP	SF8	TOP	2.5	5/7/2012 3:06	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8B-TOP	SF8	TOP	7.5	5/7/2012 3:06	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8C-TOP	SF8	TOP	12.5	5/7/2012 3:06	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 5" feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120507-SF8D-TOP	SF8	TOP	17.5	5/7/2012 3:06	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8E-TOP	SF8	TOP	22.5	5/7/2012 3:06	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8F-TOP	SF8	TOP	27.5	5/7/2012 3:06	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF9A-BOT	SF9	BOT	2.5	5/7/2012 3:37	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9B-BOT	SF9	BOT	7.5	5/7/2012 3:37	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9C-BOT	SF9	BOT	12.5	5/7/2012 3:37	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9D-BOT	SF9	BOT	17.5	5/7/2012 3:37	SALINITY		Horiba U52 - Field measurement collected 17.5 feet from left bank (39' feet wide). Measurement OMITTED - bad placement (barrel in way)
CDEOU4-120507-SF9E-BOT	SF9	BOT	22.5	5/7/2012 3:37	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9F-BOT	SF9	BOT	27.5	5/7/2012 3:37	SALINITY		Horiba U52 - Field measurement collected 27.5 feet from left bank (39' feet wide). No bottom measurement due to obstruction from debris
CDEOU4-120507-SF9G-BOT	SF9	BOT	32.5	5/7/2012 3:37	SALINITY	0.3	Horiba U52 - Field measurement collected 32.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9A-TOP	SF9	TOP	2.5	5/7/2012 3:37	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9B-TOP	SF9	TOP	7.5	5/7/2012 3:37	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9C-TOP	SF9	TOP	12.5	5/7/2012 3:37	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9D-TOP	SF9	TOP	17.5	5/7/2012 3:37	SALINITY		Horiba U52 - Field measurement collected 17.5 feet from left bank (39' feet wide). Measurement OMITTED - bad placement (barrel in way)
CDEOU4-120507-SF9E-TOP	SF9	TOP	22.5	5/7/2012 3:37	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9F-TOP	SF9	TOP	27.5	5/7/2012 3:37	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9G-TOP	SF9	TOP	32.5	5/7/2012 3:37	SALINITY	0.3	Horiba U52 - Field measurement collected 32.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF10A-BOT	SF10	BOT	2.5	5/7/2012 3:58	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (34' 8" feet wide). Underneath Reeds
CDEOU4-120507-SF10B-BOT	SF10	BOT	7.5	5/7/2012 3:58	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10C-BOT	SF10	BOT	12.5	5/7/2012 3:58	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10D-BOT	SF10	BOT	17.5	5/7/2012 3:58	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10E-BOT	SF10	BOT	22.5	5/7/2012 3:58	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10F-BOT	SF10	BOT	27.5	5/7/2012 3:58	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10G-BOT	SF10	BOT	32.5	5/7/2012 3:58	SALINITY	0.3	Horiba U52 - Field measurement collected 32.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10A-TOP	SF10	TOP	2.5	5/7/2012 3:58	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (34' 8" feet wide). Underneath Reeds
CDEOU4-120507-SF10B-TOP	SF10	TOP	7.5	5/7/2012 3:58	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10C-TOP	SF10	TOP	12.5	5/7/2012 3:58	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10D-TOP	SF10	TOP	17.5	5/7/2012 3:58	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10E-TOP	SF10	TOP	22.5	5/7/2012 3:58	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10F-TOP	SF10	TOP	27.5	5/7/2012 3:58	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10G-TOP	SF10	TOP	32.5	5/7/2012 3:58	SALINITY	0.3	Horiba U52 - Field measurement collected 32.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF11A-BOT	SF11	BOT	2.5	5/7/2012 4:15	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11B-BOT	SF11	BOT	7.5	5/7/2012 4:15	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11C-BOT	SF11	BOT	12.5	5/7/2012 4:15	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11D-BOT	SF11	BOT	17.5	5/7/2012 4:15	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11E-BOT	SF11	BOT	22.5	5/7/2012 4:15	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11A-TOP	SF11	TOP	2.5	5/7/2012 4:15	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11B-TOP	SF11	TOP	7.5	5/7/2012 4:15	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11C-TOP	SF11	TOP	12.5	5/7/2012 4:15	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11D-TOP	SF11	TOP	17.5	5/7/2012 4:15	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11E-TOP	SF11	TOP	22.5	5/7/2012 4:15	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF12A-BOT	SF12	BOT	2.5	5/7/2012 4:43	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12B-BOT	SF12	BOT	7.5	5/7/2012 4:43	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12C-BOT	SF12	BOT	12.5	5/7/2012 4:43	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12D-BOT	SF12	BOT	17.5	5/7/2012 4:43	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12E-BOT	SF12	BOT	22.5	5/7/2012 4:43	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12F-BOT	SF12	BOT	27.5	5/7/2012 4:43	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12A-TOP	SF12	TOP	2.5	5/7/2012 4:43	SALINITY	0.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12B-TOP	SF12	TOP	7.5	5/7/2012 4:43	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12C-TOP	SF12	TOP	12.5	5/7/2012 4:43	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12D-TOP	SF12	TOP	17.5	5/7/2012 4:43	SALINITY	0.3	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12E-TOP	SF12	TOP	22.5	5/7/2012 4:43	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12F-TOP	SF12	TOP	27.5	5/7/2012 4:43	SALINITY	0.3	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120508-SF38A-BOT	SF38	BOT	2.5	5/8/2012 3:18	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38B-BOT	SF38	BOT	7.5	5/8/2012 3:18	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38C-BOT	SF38	BOT	12.5	5/8/2012 3:18	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38D-BOT	SF38	BOT	17.5	5/8/2012 3:18	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38E-BOT	SF38	BOT	22.5	5/8/2012 3:18	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38A-TOP	SF38	TOP	2.5	5/8/2012 3:18	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38B-TOP	SF38	TOP	7.5	5/8/2012 3:18	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38C-TOP	SF38	TOP	12.5	5/8/2012 3:18	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38D-TOP	SF38	TOP	17.5	5/8/2012 3:18	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38E-TOP	SF38	TOP	22.5	5/8/2012 3:18	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF39A-BOT	SF39	BOT	2.5	5/8/2012 3:33	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39B-BOT	SF39	BOT	7.5	5/8/2012 3:33	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39C-BOT	SF39	BOT	12.5	5/8/2012 3:33	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39D-BOT	SF39	BOT	17.5	5/8/2012 3:33	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39E-BOT	SF39	BOT	22.5	5/8/2012 3:33	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39F-BOT	SF39	BOT	27.5	5/8/2012 3:33	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF39A-TOP	SF39	TOP	2.5	5/8/2012 3:33	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39B-TOP	SF39	TOP	7.5	5/8/2012 3:33	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39C-TOP	SF39	TOP	12.5	5/8/2012 3:33	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39D-TOP	SF39	TOP	17.5	5/8/2012 3:33	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39E-TOP	SF39	TOP	22.5	5/8/2012 3:33	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39F-TOP	SF39	TOP	27.5	5/8/2012 3:33	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF40A-BOT	SF40	BOT	2.5	5/8/2012 4:00	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40B-BOT	SF40	BOT	7.5	5/8/2012 4:00	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40C-BOT	SF40	BOT	12.5	5/8/2012 4:00	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40D-BOT	SF40	BOT	17.5	5/8/2012 4:00	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40E-BOT	SF40	BOT	22.5	5/8/2012 4:00	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40F-BOT	SF40	BOT	27.5	5/8/2012 4:00	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (30' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Sandy Streambed

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF40A-TOP	SF40	TOP	2.5	5/8/2012 4:00	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40B-TOP	SF40	TOP	7.5	5/8/2012 4:00	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40C-TOP	SF40	TOP	12.5	5/8/2012 4:00	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40D-TOP	SF40	TOP	17.5	5/8/2012 4:00	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40E-TOP	SF40	TOP	22.5	5/8/2012 4:00	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40F-TOP	SF40	TOP	27.5	5/8/2012 4:00	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (30' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Sandy Streambed
CDEOU4-120508-SF41A-BOT	SF41	BOT	2.5	5/8/2012 4:40	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41B-BOT	SF41	BOT	7.5	5/8/2012 4:40	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41C-BOT	SF41	BOT	12.5	5/8/2012 4:40	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41D-BOT	SF41	BOT	17.5	5/8/2012 4:40	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41E-BOT	SF41	BOT	22.5	5/8/2012 4:40	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41F-BOT	SF41	BOT	27.5	5/8/2012 4:40	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41A-TOP	SF41	TOP	2.5	5/8/2012 4:40	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41B-TOP	SF41	TOP	7.5	5/8/2012 4:40	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41C-TOP	SF41	TOP	12.5	5/8/2012 4:40	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41D-TOP	SF41	TOP	17.5	5/8/2012 4:40	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41E-TOP	SF41	TOP	22.5	5/8/2012 4:40	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41F-TOP	SF41	TOP	27.5	5/8/2012 4:40	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF42A-BOT	SF42	BOT	2.5	5/8/2012 4:45	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42B-BOT	SF42	BOT	7.5	5/8/2012 4:45	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42C-BOT	SF42	BOT	12.5	5/8/2012 4:45	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42D-BOT	SF42	BOT	17.5	5/8/2012 4:45	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42E-BOT	SF42	BOT	22.5	5/8/2012 4:45	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42F-BOT	SF42	BOT	27.5	5/8/2012 4:45	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42A-TOP	SF42	TOP	2.5	5/8/2012 4:45	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42B-TOP	SF42	TOP	7.5	5/8/2012 4:45	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42C-TOP	SF42	TOP	12.5	5/8/2012 4:45	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42D-TOP	SF42	TOP	17.5	5/8/2012 4:45	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42E-TOP	SF42	TOP	22.5	5/8/2012 4:45	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42F-TOP	SF42	TOP	27.5	5/8/2012 4:45	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF47A-BOT	SF47	BOT	2.5	5/8/2012 5:12	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47B-BOT	SF47	BOT	7.5	5/8/2012 5:12	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47C-BOT	SF47	BOT	12.5	5/8/2012 5:12	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47D-BOT	SF47	BOT	17.5	5/8/2012 5:12	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47E-BOT	SF47	BOT	22.5	5/8/2012 5:12	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47A-TOP	SF47	TOP	2.5	5/8/2012 5:12	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47B-TOP	SF47	TOP	7.5	5/8/2012 5:12	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47C-TOP	SF47	TOP	12.5	5/8/2012 5:12	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47D-TOP	SF47	TOP	17.5	5/8/2012 5:12	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47E-TOP	SF47	TOP	22.5	5/8/2012 5:12	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF49A-BOT	SF49	BOT	2.5	5/8/2012 5:20	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF49B-BOT	SF49	BOT	7.5	5/8/2012 5:20	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49C-BOT	SF49	BOT	12.5	5/8/2012 5:20	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49D-BOT	SF49	BOT	17.5	5/8/2012 5:20	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' feet wide). Sample taken against A-side bank with tree roots
CDEOU4-120508-SF49A-TOP	SF49	TOP	2.5	5/8/2012 5:20	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF49B-TOP	SF49	TOP	7.5	5/8/2012 5:20	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49C-TOP	SF49	TOP	12.5	5/8/2012 5:20	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49D-TOP	SF49	TOP	17.5	5/8/2012 5:20	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' feet wide). Sample taken against A-side bank with tree roots
CDEOU4-120508-SF51A-BOT	SF51	BOT	2.5	5/8/2012 5:26	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51B-BOT	SF51	BOT	7.5	5/8/2012 5:26	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51C-BOT	SF51	BOT	12.5	5/8/2012 5:26	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51D-BOT	SF51	BOT	17.5	5/8/2012 5:26	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51E-BOT	SF51	BOT	22.5	5/8/2012 5:26	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51A-TOP	SF51	TOP	2.5	5/8/2012 5:26	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51B-TOP	SF51	TOP	7.5	5/8/2012 5:26	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51C-TOP	SF51	TOP	12.5	5/8/2012 5:26	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51D-TOP	SF51	TOP	17.5	5/8/2012 5:26	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51E-TOP	SF51	TOP	22.5	5/8/2012 5:26	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53A-BOT	SF53	BOT	2.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53B-BOT	SF53	BOT	7.5	5/8/2012	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53C-BOT	SF53	BOT	12.5	5/8/2012	SALINITY		Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53D-BOT	SF53	BOT	17.5	5/8/2012	SALINITY		Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53E-BOT	SF53	BOT	22.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53F-BOT	SF53	BOT	27.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF53A-TOP	SF53	TOP	2.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53B-TOP	SF53	TOP	7.5	5/8/2012	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53C-TOP	SF53	TOP	12.5	5/8/2012	SALINITY		Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53D-TOP	SF53	TOP	17.5	5/8/2012	SALINITY		Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53E-TOP	SF53	TOP	22.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53F-TOP	SF53	TOP	27.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF55A-BOT	SF55	BOT	2.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55B-BOT	SF55	BOT	7.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55C-BOT	SF55	BOT	12.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55D-BOT	SF55	BOT	17.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55E-BOT	SF55	BOT	22.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55F-BOT	SF55	BOT	27.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55A-TOP	SF55	TOP	2.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55B-TOP	SF55	TOP	7.5	5/8/2012	SALINITY	0.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55C-TOP	SF55	TOP	12.5	5/8/2012	SALINITY	0.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55D-TOP	SF55	TOP	17.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55E-TOP	SF55	TOP	22.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF55F-TOP	SF55	TOP	27.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF57A-BOT	SF57	BOT	2.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57B-BOT	SF57	BOT	7.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57C-BOT	SF57	BOT	12.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57D-BOT	SF57	BOT	17.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57E-BOT	SF57	BOT	22.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57F-BOT	SF57	BOT	27.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57A-TOP	SF57	TOP	2.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57B-TOP	SF57	TOP	7.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57C-TOP	SF57	TOP	12.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57D-TOP	SF57	TOP	17.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57E-TOP	SF57	TOP	22.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57F-TOP	SF57	TOP	27.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF59A-BOT	SF59	BOT	2.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59B-BOT	SF59	BOT	7.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59C-BOT	SF59	BOT	12.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59D-BOT	SF59	BOT	17.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59E-BOT	SF59	BOT	22.5	5/8/2012	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59F-BOT	SF59	BOT	25.5	5/8/2012	SALINITY	0.3	Horiba U52 - Field measurement collected 25.5 feet from left bank (27' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF59A-TOP	SF59	TOP	2.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59B-TOP	SF59	TOP	7.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59C-TOP	SF59	TOP	12.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59D-TOP	SF59	TOP	17.5	5/8/2012	SALINITY	0.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59E-TOP	SF59	TOP	22.5	5/8/2012	SALINITY	0.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59F-TOP	SF59	TOP	25.5	5/8/2012	SALINITY	0.3	Horiba U52 - Field measurement collected 25.5 feet from left bank (27' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SFMMDA-TOP-DOWN	SFMMD	TOP	15	5/8/2012 5:00	SALINITY	0.3	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Downstream side of Manmade Dam - On middle of dam. Attempt 1
CDEOU4-120508-SFMMDB-TOP-DOWN	SFMMD	TOP	15	5/8/2012 5:00	SALINITY	0.3	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Downstream side of Manmade Dam - On middle of dam. Attempt 2
CDEOU4-120508-SFMMDB-TOP-UP	SFMMD	TOP	15	5/8/2012 5:00	SALINITY	0.4	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Upstream side of Manmade Dam - On middle of dam. Attempt 2
CDEOU4-120508-SFMMDA-TOP-UP	SFMMD	TOP	15	5/8/2012 5:00	SALINITY	0.4	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Upstream side of Manmade Dam - On middle of dam. Attempt 1
CDEOU4-120507-SF1A-BOT	SF1	BOT	2.5	5/7/2012 10:15	TEMPERATURE	14.33	Horiba U52 - Field measurement collected 2.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1B-BOT	SF1	BOT	7.5	5/7/2012 10:15	TEMPERATURE	14.19	Horiba U52 - Field measurement collected 7.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1C-BOT	SF1	BOT	12.5	5/7/2012 10:15	TEMPERATURE	14.11	Horiba U52 - Field measurement collected 12.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1D-BOT	SF1	BOT	17.5	5/7/2012 10:15	TEMPERATURE	14.68	Horiba U52 - Field measurement collected 17.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1A-TOP	SF1	TOP	2.5	5/7/2012 10:15	TEMPERATURE	15.03	Horiba U52 - Field measurement collected 2.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1B-TOP	SF1	TOP	7.5	5/7/2012 10:15	TEMPERATURE	14.3	Horiba U52 - Field measurement collected 7.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1C-TOP	SF1	TOP	12.5	5/7/2012 10:15	TEMPERATURE	14.32	Horiba U52 - Field measurement collected 12.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF1D-TOP	SF1	TOP	17.5	5/7/2012 10:15	TEMPERATURE	14.52	Horiba U52 - Field measurement collected 17.5 feet from left bank (23' 6" feet wide)
CDEOU4-120507-SF2A-BOT	SF2	BOT	2.5	5/7/2012 10:42	TEMPERATURE	14.94	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2B-BOT	SF2	BOT	7.5	5/7/2012 10:42	TEMPERATURE	14.25	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2C-BOT	SF2	BOT	12.5	5/7/2012 10:42	TEMPERATURE	14.13	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2D-BOT	SF2	BOT	17.5	5/7/2012 10:42	TEMPERATURE	14.18	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2E-BOT	SF2	BOT	22.5	5/7/2012 10:42	TEMPERATURE	14.3	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2A-TOP	SF2	TOP	2.5	5/7/2012 10:42	TEMPERATURE	15.3	Horiba U52 - Field measurement collected 2.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2B-TOP	SF2	TOP	7.5	5/7/2012 10:42	TEMPERATURE	14.2	Horiba U52 - Field measurement collected 7.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2C-TOP	SF2	TOP	12.5	5/7/2012 10:42	TEMPERATURE	14.19	Horiba U52 - Field measurement collected 12.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2D-TOP	SF2	TOP	17.5	5/7/2012 10:42	TEMPERATURE	14.11	Horiba U52 - Field measurement collected 17.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF2E-TOP	SF2	TOP	22.5	5/7/2012 10:42	TEMPERATURE	14.53	Horiba U52 - Field measurement collected 22.5 feet from left bank (26' 8" feet wide)
CDEOU4-120507-SF3A-BOT	SF3	BOT	2.5	5/7/2012 11:02	TEMPERATURE	14.58	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3B-BOT	SF3	BOT	7.5	5/7/2012 11:02	TEMPERATURE	14.64	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3C-BOT	SF3	BOT	12.5	5/7/2012 11:02	TEMPERATURE	14.7	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). Shallow water: TOP sample equals BOTTOM sample
CDEOU4-120507-SF3D-BOT	SF3	BOT	17.5	5/7/2012 11:02	TEMPERATURE	14.52	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3E-BOT	SF3	BOT	22.5	5/7/2012 11:02	TEMPERATURE	14.28	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3F-BOT	SF3	BOT	27.5	5/7/2012 11:02	TEMPERATURE	14.24	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3G-BOT	SF3	BOT	32.5	5/7/2012 11:02	TEMPERATURE	14.29	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3A-TOP	SF3	TOP	2.5	5/7/2012 11:02	TEMPERATURE	14.64	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3B-TOP	SF3	TOP	7.5	5/7/2012 11:02	TEMPERATURE	14.65	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). 2.5 ft - 7.5 ft values are taken on B-Side bank left of central land strip with zero flow
CDEOU4-120507-SF3C-TOP	SF3	TOP	12.5	5/7/2012 11:02	TEMPERATURE	14.7	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). Shallow water: TOP sample equals BOTTOM sample
CDEOU4-120507-SF3D-TOP	SF3	TOP	17.5	5/7/2012 11:02	TEMPERATURE	14.57	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3E-TOP	SF3	TOP	22.5	5/7/2012 11:02	TEMPERATURE	14.22	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3F-TOP	SF3	TOP	27.5	5/7/2012 11:02	TEMPERATURE	14.22	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF3G-TOP	SF3	TOP	32.5	5/7/2012 11:02	TEMPERATURE	14.24	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide)
CDEOU4-120507-SF4A-BOT	SF4	BOT	2.5	5/7/2012 11:41	TEMPERATURE	14.36	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4B-BOT	SF4	BOT	7.5	5/7/2012 11:41	TEMPERATURE	14.33	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4C-BOT	SF4	BOT	12.5	5/7/2012 11:41	TEMPERATURE	14.35	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4D-BOT	SF4	BOT	17.5	5/7/2012 11:41	TEMPERATURE	14.39	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4E-BOT	SF4	BOT	22.5	5/7/2012 11:41	TEMPERATURE	14.42	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4A-TOP	SF4	TOP	2.5	5/7/2012 11:41	TEMPERATURE	14.17	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4B-TOP	SF4	TOP	7.5	5/7/2012 11:41	TEMPERATURE	14.31	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4C-TOP	SF4	TOP	12.5	5/7/2012 11:41	TEMPERATURE	14.35	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4D-TOP	SF4	TOP	17.5	5/7/2012 11:41	TEMPERATURE	14.36	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF4E-TOP	SF4	TOP	22.5	5/7/2012 11:41	TEMPERATURE	14.42	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 4" feet wide). Downstream of Belmont Bridge
CDEOU4-120507-SF5A-BOT	SF5	BOT	2.5	5/7/2012 0:21	TEMPERATURE		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). No Reading - Log obstructing measurement
CDEOU4-120507-SF5B-BOT	SF5	BOT	7.5	5/7/2012 0:21	TEMPERATURE	14.5	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5C-BOT	SF5	BOT	12.5	5/7/2012 0:21	TEMPERATURE	14.53	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5D-BOT	SF5	BOT	17.5	5/7/2012 0:21	TEMPERATURE	14.57	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5E-BOT	SF5	BOT	22.5	5/7/2012 0:21	TEMPERATURE		Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Debris obstructing bottom measurement
CDEOU4-120507-SF5A-TOP	SF5	TOP	2.5	5/7/2012 0:21	TEMPERATURE		Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). No Reading - Log obstructing measurement
CDEOU4-120507-SF5B-TOP	SF5	TOP	7.5	5/7/2012 0:21	TEMPERATURE	14.47	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5C-TOP	SF5	TOP	12.5	5/7/2012 0:21	TEMPERATURE	14.52	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5D-TOP	SF5	TOP	17.5	5/7/2012 0:21	TEMPERATURE	14.57	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide)
CDEOU4-120507-SF5E-TOP	SF5	TOP	22.5	5/7/2012 0:21	TEMPERATURE	14.66	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide)

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120507-SF6A-BOT	SF6	BOT	2.5	5/7/2012 2:02	TEMPERATURE	15.85	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). Shallow Water: TOP sample equals BOTTOM sample - B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6B-BOT	SF6	BOT	7.5	5/7/2012 2:02	TEMPERATURE	15.81	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6C-BOT	SF6	BOT	12.5	5/7/2012 2:02	TEMPERATURE	15.65	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6D-BOT	SF6	BOT	17.5	5/7/2012 2:02	TEMPERATURE	15.68	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6E-BOT	SF6	BOT	22.5	5/7/2012 2:02	TEMPERATURE	15.7	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6F-BOT	SF6	BOT	27.5	5/7/2012 2:02	TEMPERATURE	15.79	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6G-BOT	SF6	BOT	32.5	5/7/2012 2:02	TEMPERATURE	15.92	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6A-TOP	SF6	TOP	2.5	5/7/2012 2:02	TEMPERATURE	15.85	Horiba U52 - Field measurement collected 2.5 feet from left bank (38' feet wide). Shallow Water: TOP sample equals BOTTOM sample - B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6B-TOP	SF6	TOP	7.5	5/7/2012 2:02	TEMPERATURE	15.68	Horiba U52 - Field measurement collected 7.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6C-TOP	SF6	TOP	12.5	5/7/2012 2:02	TEMPERATURE	15.68	Horiba U52 - Field measurement collected 12.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6D-TOP	SF6	TOP	17.5	5/7/2012 2:02	TEMPERATURE	15.65	Horiba U52 - Field measurement collected 17.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6E-TOP	SF6	TOP	22.5	5/7/2012 2:02	TEMPERATURE	15.65	Horiba U52 - Field measurement collected 22.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6F-TOP	SF6	TOP	27.5	5/7/2012 2:02	TEMPERATURE	15.82	Horiba U52 - Field measurement collected 27.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF6G-TOP	SF6	TOP	32.5	5/7/2012 2:02	TEMPERATURE	15.88	Horiba U52 - Field measurement collected 32.5 feet from left bank (38' feet wide). B-Side contains a lot of leaf and wood debris - measurements taken downstream of fallen tree (on B-side)
CDEOU4-120507-SF7A-BOT	SF7	BOT	2.5	5/7/2012 2:42	TEMPERATURE	16.05	Horiba U52 - Field measurement collected 2.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7B-BOT	SF7	BOT	7.5	5/7/2012 2:42	TEMPERATURE	15.89	Horiba U52 - Field measurement collected 7.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7C-BOT	SF7	BOT	12.5	5/7/2012 2:42	TEMPERATURE	15.85	Horiba U52 - Field measurement collected 12.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7D-BOT	SF7	BOT	17.5	5/7/2012 2:42	TEMPERATURE	15.83	Horiba U52 - Field measurement collected 17.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7E-BOT	SF7	BOT	22.5	5/7/2012 2:42	TEMPERATURE	15.88	Horiba U52 - Field measurement collected 22.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7F-BOT	SF7	BOT	27.5	5/7/2012 2:42	TEMPERATURE	16	Horiba U52 - Field measurement collected 27.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7G-BOT	SF7	BOT	32.5	5/7/2012 2:42	TEMPERATURE	16.14	Horiba U52 - Field measurement collected 32.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7A-TOP	SF7	TOP	2.5	5/7/2012 2:42	TEMPERATURE	16.02	Horiba U52 - Field measurement collected 2.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7B-TOP	SF7	TOP	7.5	5/7/2012 2:42	TEMPERATURE	15.95	Horiba U52 - Field measurement collected 7.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7C-TOP	SF7	TOP	12.5	5/7/2012 2:42	TEMPERATURE	15.82	Horiba U52 - Field measurement collected 12.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7D-TOP	SF7	TOP	17.5	5/7/2012 2:42	TEMPERATURE	15.84	Horiba U52 - Field measurement collected 17.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7E-TOP	SF7	TOP	22.5	5/7/2012 2:42	TEMPERATURE	15.85	Horiba U52 - Field measurement collected 22.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7F-TOP	SF7	TOP	27.5	5/7/2012 2:42	TEMPERATURE	16.01	Horiba U52 - Field measurement collected 27.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF7G-TOP	SF7	TOP	32.5	5/7/2012 2:42	TEMPERATURE	16.13	Horiba U52 - Field measurement collected 32.5 feet from left bank (36' 5" feet wide)
CDEOU4-120507-SF8A-BOT	SF8	BOT	2.5	5/7/2012 3:06	TEMPERATURE	16.03	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8B-BOT	SF8	BOT	7.5	5/7/2012 3:06	TEMPERATURE	16.02	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8C-BOT	SF8	BOT	12.5	5/7/2012 3:06	TEMPERATURE	16	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8D-BOT	SF8	BOT	17.5	5/7/2012 3:06	TEMPERATURE	16.04	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8E-BOT	SF8	BOT	22.5	5/7/2012 3:06	TEMPERATURE	15.99	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8F-BOT	SF8	BOT	27.5	5/7/2012 3:06	TEMPERATURE	16.15	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8A-TOP	SF8	TOP	2.5	5/7/2012 3:06	TEMPERATURE	16.02	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8B-TOP	SF8	TOP	7.5	5/7/2012 3:06	TEMPERATURE	16	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8C-TOP	SF8	TOP	12.5	5/7/2012 3:06	TEMPERATURE	15.97	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8D-TOP	SF8	TOP	17.5	5/7/2012 3:06	TEMPERATURE	16.01	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8E-TOP	SF8	TOP	22.5	5/7/2012 3:06	TEMPERATURE	16.03	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF8F-TOP	SF8	TOP	27.5	5/7/2012 3:06	TEMPERATURE	16.07	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 5" feet wide)
CDEOU4-120507-SF9A-BOT	SF9	BOT	2.5	5/7/2012 3:37	TEMPERATURE	16.21	Horiba U52 - Field measurement collected 2.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9B-BOT	SF9	BOT	7.5	5/7/2012 3:37	TEMPERATURE	16.21	Horiba U52 - Field measurement collected 7.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9C-BOT	SF9	BOT	12.5	5/7/2012 3:37	TEMPERATURE	16.2	Horiba U52 - Field measurement collected 12.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9D-BOT	SF9	BOT	17.5	5/7/2012 3:37	TEMPERATURE		Horiba U52 - Field measurement collected 17.5 feet from left bank (39' feet wide). Measurement OMITTED - bad placement (barrel in way)
CDEOU4-120507-SF9E-BOT	SF9	BOT	22.5	5/7/2012 3:37	TEMPERATURE	16.03	Horiba U52 - Field measurement collected 22.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9F-BOT	SF9	BOT	27.5	5/7/2012 3:37	TEMPERATURE		Horiba U52 - Field measurement collected 27.5 feet from left bank (39' feet wide). No bottom measurement due to obstruction from debris
CDEOU4-120507-SF9G-BOT	SF9	BOT	32.5	5/7/2012 3:37	TEMPERATURE	16.09	Horiba U52 - Field measurement collected 32.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9A-TOP	SF9	TOP	2.5	5/7/2012 3:37	TEMPERATURE	16.24	Horiba U52 - Field measurement collected 2.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9B-TOP	SF9	TOP	7.5	5/7/2012 3:37	TEMPERATURE	16.22	Horiba U52 - Field measurement collected 7.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9C-TOP	SF9	TOP	12.5	5/7/2012 3:37	TEMPERATURE	16.21	Horiba U52 - Field measurement collected 12.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9D-TOP	SF9	TOP	17.5	5/7/2012 3:37	TEMPERATURE		Horiba U52 - Field measurement collected 17.5 feet from left bank (39' feet wide). Measurement OMITTED - bad placement (barrel in way)
CDEOU4-120507-SF9E-TOP	SF9	TOP	22.5	5/7/2012 3:37	TEMPERATURE	16.07	Horiba U52 - Field measurement collected 22.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9F-TOP	SF9	TOP	27.5	5/7/2012 3:37	TEMPERATURE	16.05	Horiba U52 - Field measurement collected 27.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF9G-TOP	SF9	TOP	32.5	5/7/2012 3:37	TEMPERATURE	16.09	Horiba U52 - Field measurement collected 32.5 feet from left bank (39' feet wide)
CDEOU4-120507-SF10A-BOT	SF10	BOT	2.5	5/7/2012 3:58	TEMPERATURE	16.14	Horiba U52 - Field measurement collected 2.5 feet from left bank (34' 8" feet wide). Underneath Reeds
CDEOU4-120507-SF10B-BOT	SF10	BOT	7.5	5/7/2012 3:58	TEMPERATURE	16.1	Horiba U52 - Field measurement collected 7.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10C-BOT	SF10	BOT	12.5	5/7/2012 3:58	TEMPERATURE	16.07	Horiba U52 - Field measurement collected 12.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10D-BOT	SF10	BOT	17.5	5/7/2012 3:58	TEMPERATURE	16.08	Horiba U52 - Field measurement collected 17.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10E-BOT	SF10	BOT	22.5	5/7/2012 3:58	TEMPERATURE	16.07	Horiba U52 - Field measurement collected 22.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10F-BOT	SF10	BOT	27.5	5/7/2012 3:58	TEMPERATURE	16.09	Horiba U52 - Field measurement collected 27.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10G-BOT	SF10	BOT	32.5	5/7/2012 3:58	TEMPERATURE	16.1	Horiba U52 - Field measurement collected 32.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10A-TOP	SF10	TOP	2.5	5/7/2012 3:58	TEMPERATURE	16.13	Horiba U52 - Field measurement collected 2.5 feet from left bank (34' 8" feet wide). Underneath Reeds
CDEOU4-120507-SF10B-TOP	SF10	TOP	7.5	5/7/2012 3:58	TEMPERATURE	16.09	Horiba U52 - Field measurement collected 7.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10C-TOP	SF10	TOP	12.5	5/7/2012 3:58	TEMPERATURE	16.07	Horiba U52 - Field measurement collected 12.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10D-TOP	SF10	TOP	17.5	5/7/2012 3:58	TEMPERATURE	16.06	Horiba U52 - Field measurement collected 17.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10E-TOP	SF10	TOP	22.5	5/7/2012 3:58	TEMPERATURE	16.07	Horiba U52 - Field measurement collected 22.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10F-TOP	SF10	TOP	27.5	5/7/2012 3:58	TEMPERATURE	16.08	Horiba U52 - Field measurement collected 27.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF10G-TOP	SF10	TOP	32.5	5/7/2012 3:58	TEMPERATURE	16.1	Horiba U52 - Field measurement collected 32.5 feet from left bank (34' 8" feet wide)
CDEOU4-120507-SF11A-BOT	SF11	BOT	2.5	5/7/2012 4:15	TEMPERATURE	16.1	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11B-BOT	SF11	BOT	7.5	5/7/2012 4:15	TEMPERATURE	16.11	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11C-BOT	SF11	BOT	12.5	5/7/2012 4:15	TEMPERATURE	16.12	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11D-BOT	SF11	BOT	17.5	5/7/2012 4:15	TEMPERATURE	16.1	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11E-BOT	SF11	BOT	22.5	5/7/2012 4:15	TEMPERATURE	16.09	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11A-TOP	SF11	TOP	2.5	5/7/2012 4:15	TEMPERATURE	16.11	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11B-TOP	SF11	TOP	7.5	5/7/2012 4:15	TEMPERATURE	16.1	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11C-TOP	SF11	TOP	12.5	5/7/2012 4:15	TEMPERATURE	16.12	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11D-TOP	SF11	TOP	17.5	5/7/2012 4:15	TEMPERATURE	16.1	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF11E-TOP	SF11	TOP	22.5	5/7/2012 4:15	TEMPERATURE	16.09	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 9" feet wide). 10 feet upstream of Spicer Avenue Tributary
CDEOU4-120507-SF12A-BOT	SF12	BOT	2.5	5/7/2012 4:43	TEMPERATURE	16.17	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12B-BOT	SF12	BOT	7.5	5/7/2012 4:43	TEMPERATURE	16.13	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12C-BOT	SF12	BOT	12.5	5/7/2012 4:43	TEMPERATURE	16.12	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120507-SF12D-BOT	SF12	BOT	17.5	5/7/2012 4:43	TEMPERATURE	16.11	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12E-BOT	SF12	BOT	22.5	5/7/2012 4:43	TEMPERATURE	16.12	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12F-BOT	SF12	BOT	27.5	5/7/2012 4:43	TEMPERATURE	16.11	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12A-TOP	SF12	TOP	2.5	5/7/2012 4:43	TEMPERATURE	16.19	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12B-TOP	SF12	TOP	7.5	5/7/2012 4:43	TEMPERATURE	16.13	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12C-TOP	SF12	TOP	12.5	5/7/2012 4:43	TEMPERATURE	16.13	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12D-TOP	SF12	TOP	17.5	5/7/2012 4:43	TEMPERATURE	16.12	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12E-TOP	SF12	TOP	22.5	5/7/2012 4:43	TEMPERATURE	16.1	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120507-SF12F-TOP	SF12	TOP	27.5	5/7/2012 4:43	TEMPERATURE	16.11	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Downstream of Spicer Avenue Tributary
CDEOU4-120508-SF38A-BOT	SF38	BOT	2.5	5/8/2012 3:18	TEMPERATURE	16.32	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38B-BOT	SF38	BOT	7.5	5/8/2012 3:18	TEMPERATURE	16.33	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38C-BOT	SF38	BOT	12.5	5/8/2012 3:18	TEMPERATURE	16.27	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38D-BOT	SF38	BOT	17.5	5/8/2012 3:18	TEMPERATURE	16.28	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38E-BOT	SF38	BOT	22.5	5/8/2012 3:18	TEMPERATURE	16.27	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38A-TOP	SF38	TOP	2.5	5/8/2012 3:18	TEMPERATURE	16.32	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38B-TOP	SF38	TOP	7.5	5/8/2012 3:18	TEMPERATURE	16.33	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand - Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF38C-TOP	SF38	TOP	12.5	5/8/2012 3:18	TEMPERATURE	16.28	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38D-TOP	SF38	TOP	17.5	5/8/2012 3:18	TEMPERATURE	16.28	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF38E-TOP	SF38	TOP	22.5	5/8/2012 3:18	TEMPERATURE	16.27	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide). A-Side: cobbles/rocks; B-side: sand
CDEOU4-120508-SF39A-BOT	SF39	BOT	2.5	5/8/2012 3:33	TEMPERATURE	16.34	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39B-BOT	SF39	BOT	7.5	5/8/2012 3:33	TEMPERATURE	16.29	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39C-BOT	SF39	BOT	12.5	5/8/2012 3:33	TEMPERATURE	16.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39D-BOT	SF39	BOT	17.5	5/8/2012 3:33	TEMPERATURE	16.32	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39E-BOT	SF39	BOT	22.5	5/8/2012 3:33	TEMPERATURE	16.31	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39F-BOT	SF39	BOT	27.5	5/8/2012 3:33	TEMPERATURE	16.32	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF39A-TOP	SF39	TOP	2.5	5/8/2012 3:33	TEMPERATURE	16.34	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39B-TOP	SF39	TOP	7.5	5/8/2012 3:33	TEMPERATURE	16.33	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39C-TOP	SF39	TOP	12.5	5/8/2012 3:33	TEMPERATURE	16.3	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39D-TOP	SF39	TOP	17.5	5/8/2012 3:33	TEMPERATURE	16.32	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39E-TOP	SF39	TOP	22.5	5/8/2012 3:33	TEMPERATURE	16.32	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' 5" feet wide)
CDEOU4-120508-SF39F-TOP	SF39	TOP	27.5	5/8/2012 3:33	TEMPERATURE	16.32	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF40A-BOT	SF40	BOT	2.5	5/8/2012 4:00	TEMPERATURE	16.31	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40B-BOT	SF40	BOT	7.5	5/8/2012 4:00	TEMPERATURE	16.31	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40C-BOT	SF40	BOT	12.5	5/8/2012 4:00	TEMPERATURE	16.31	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40D-BOT	SF40	BOT	17.5	5/8/2012 4:00	TEMPERATURE	16.31	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40E-BOT	SF40	BOT	22.5	5/8/2012 4:00	TEMPERATURE	16.32	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40F-BOT	SF40	BOT	27.5	5/8/2012 4:00	TEMPERATURE	16.33	Horiba U52 - Field measurement collected 27.5 feet from left bank (30' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Sandy Streambed
CDEOU4-120508-SF40A-TOP	SF40	TOP	2.5	5/8/2012 4:00	TEMPERATURE	16.31	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40B-TOP	SF40	TOP	7.5	5/8/2012 4:00	TEMPERATURE	16.33	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40C-TOP	SF40	TOP	12.5	5/8/2012 4:00	TEMPERATURE	16.33	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40D-TOP	SF40	TOP	17.5	5/8/2012 4:00	TEMPERATURE	16.32	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40E-TOP	SF40	TOP	22.5	5/8/2012 4:00	TEMPERATURE	16.31	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' 5" feet wide). Sandy Streambed
CDEOU4-120508-SF40F-TOP	SF40	TOP	27.5	5/8/2012 4:00	TEMPERATURE	16.33	Horiba U52 - Field measurement collected 27.5 feet from left bank (30' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample - Sandy Streambed
CDEOU4-120508-SF41A-BOT	SF41	BOT	2.5	5/8/2012 4:40	TEMPERATURE	16.42	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41B-BOT	SF41	BOT	7.5	5/8/2012 4:40	TEMPERATURE	16.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41C-BOT	SF41	BOT	12.5	5/8/2012 4:40	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41D-BOT	SF41	BOT	17.5	5/8/2012 4:40	TEMPERATURE	16.36	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41E-BOT	SF41	BOT	22.5	5/8/2012 4:40	TEMPERATURE	16.36	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41F-BOT	SF41	BOT	27.5	5/8/2012 4:40	TEMPERATURE	16.36	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41A-TOP	SF41	TOP	2.5	5/8/2012 4:40	TEMPERATURE	16.42	Horiba U52 - Field measurement collected 2.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41B-TOP	SF41	TOP	7.5	5/8/2012 4:40	TEMPERATURE	16.4	Horiba U52 - Field measurement collected 7.5 feet from left bank (29' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF41C-TOP	SF41	TOP	12.5	5/8/2012 4:40	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 12.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41D-TOP	SF41	TOP	17.5	5/8/2012 4:40	TEMPERATURE	16.4	Horiba U52 - Field measurement collected 17.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41E-TOP	SF41	TOP	22.5	5/8/2012 4:40	TEMPERATURE	16.36	Horiba U52 - Field measurement collected 22.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF41F-TOP	SF41	TOP	27.5	5/8/2012 4:40	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 27.5 feet from left bank (29' feet wide)
CDEOU4-120508-SF42A-BOT	SF42	BOT	2.5	5/8/2012 4:45	TEMPERATURE	16.39	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42B-BOT	SF42	BOT	7.5	5/8/2012 4:45	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42C-BOT	SF42	BOT	12.5	5/8/2012 4:45	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42D-BOT	SF42	BOT	17.5	5/8/2012 4:45	TEMPERATURE	16.36	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42E-BOT	SF42	BOT	22.5	5/8/2012 4:45	TEMPERATURE	16.36	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42F-BOT	SF42	BOT	27.5	5/8/2012 4:45	TEMPERATURE	16.35	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42A-TOP	SF42	TOP	2.5	5/8/2012 4:45	TEMPERATURE	16.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42B-TOP	SF42	TOP	7.5	5/8/2012 4:45	TEMPERATURE	16.39	Horiba U52 - Field measurement collected 7.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42C-TOP	SF42	TOP	12.5	5/8/2012 4:45	TEMPERATURE	16.39	Horiba U52 - Field measurement collected 12.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42D-TOP	SF42	TOP	17.5	5/8/2012 4:45	TEMPERATURE	16.36	Horiba U52 - Field measurement collected 17.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42E-TOP	SF42	TOP	22.5	5/8/2012 4:45	TEMPERATURE	16.35	Horiba U52 - Field measurement collected 22.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF42F-TOP	SF42	TOP	27.5	5/8/2012 4:45	TEMPERATURE	16.34	Horiba U52 - Field measurement collected 27.5 feet from left bank (32' 4' feet wide)
CDEOU4-120508-SF47A-BOT	SF47	BOT	2.5	5/8/2012 5:12	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47B-BOT	SF47	BOT	7.5	5/8/2012 5:12	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47C-BOT	SF47	BOT	12.5	5/8/2012 5:12	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47D-BOT	SF47	BOT	17.5	5/8/2012 5:12	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47E-BOT	SF47	BOT	22.5	5/8/2012 5:12	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47A-TOP	SF47	TOP	2.5	5/8/2012 5:12	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 2.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47B-TOP	SF47	TOP	7.5	5/8/2012 5:12	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 7.5 feet from left bank (30' feet wide). Shallow Water: TOP sample equals BOTTOM sample - Soft Muddy Bottom
CDEOU4-120508-SF47C-TOP	SF47	TOP	12.5	5/8/2012 5:12	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 12.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47D-TOP	SF47	TOP	17.5	5/8/2012 5:12	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 17.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF47E-TOP	SF47	TOP	22.5	5/8/2012 5:12	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 22.5 feet from left bank (30' feet wide). Soft Muddy Bottom
CDEOU4-120508-SF49A-BOT	SF49	BOT	2.5	5/8/2012 5:20	TEMPERATURE	16.36	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF49B-BOT	SF49	BOT	7.5	5/8/2012 5:20	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49C-BOT	SF49	BOT	12.5	5/8/2012 5:20	TEMPERATURE	16.36	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49D-BOT	SF49	BOT	17.5	5/8/2012 5:20	TEMPERATURE	16.36	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' feet wide). Sample taken against A-side bank with tree roots

sys_sample_code	sys_loc_code	Depth	Dist from Shore (ft)	sample_date	chemical_name	result_value	result_comment
CDEOU4-120508-SF49A-TOP	SF49	TOP	2.5	5/8/2012 5:20	TEMPERATURE	16.36	Horiba U52 - Field measurement collected 2.5 feet from left bank (21' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF49B-TOP	SF49	TOP	7.5	5/8/2012 5:20	TEMPERATURE	16.36	Horiba U52 - Field measurement collected 7.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49C-TOP	SF49	TOP	12.5	5/8/2012 5:20	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 12.5 feet from left bank (21' feet wide)
CDEOU4-120508-SF49D-TOP	SF49	TOP	17.5	5/8/2012 5:20	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 17.5 feet from left bank (21' feet wide). Sample taken against A-side bank with tree roots
CDEOU4-120508-SF51A-BOT	SF51	BOT	2.5	5/8/2012 5:26	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51B-BOT	SF51	BOT	7.5	5/8/2012 5:26	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51C-BOT	SF51	BOT	12.5	5/8/2012 5:26	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51D-BOT	SF51	BOT	17.5	5/8/2012 5:26	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51E-BOT	SF51	BOT	22.5	5/8/2012 5:26	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51A-TOP	SF51	TOP	2.5	5/8/2012 5:26	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51B-TOP	SF51	TOP	7.5	5/8/2012 5:26	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51C-TOP	SF51	TOP	12.5	5/8/2012 5:26	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF51D-TOP	SF51	TOP	17.5	5/8/2012 5:26	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF51E-TOP	SF51	TOP	22.5	5/8/2012 5:26	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53A-BOT	SF53	BOT	2.5	5/8/2012	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53B-BOT	SF53	BOT	7.5	5/8/2012	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53C-BOT	SF53	BOT	12.5	5/8/2012	TEMPERATURE		Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53D-BOT	SF53	BOT	17.5	5/8/2012	TEMPERATURE		Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53E-BOT	SF53	BOT	22.5	5/8/2012	TEMPERATURE	16.36	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53F-BOT	SF53	BOT	27.5	5/8/2012	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 27.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF53A-TOP	SF53	TOP	2.5	5/8/2012	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 2.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53B-TOP	SF53	TOP	7.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 7.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53C-TOP	SF53	TOP	12.5	5/8/2012	TEMPERATURE		Horiba U52 - Field measurement collected 12.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53D-TOP	SF53	TOP	17.5	5/8/2012	TEMPERATURE		Horiba U52 - Field measurement collected 17.5 feet from left bank (33' feet wide). Rip Rap splitting brook into two sections
CDEOU4-120508-SF53E-TOP	SF53	TOP	22.5	5/8/2012	TEMPERATURE	16.36	Horiba U52 - Field measurement collected 22.5 feet from left bank (33' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF53F-TOP	SF53	TOP	27.5	5/8/2012	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 27.5 feet from left bank (33' feet wide)
CDEOU4-120508-SF55A-BOT	SF55	BOT	2.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55B-BOT	SF55	BOT	7.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55C-BOT	SF55	BOT	12.5	5/8/2012	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55D-BOT	SF55	BOT	17.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55E-BOT	SF55	BOT	22.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55F-BOT	SF55	BOT	27.5	5/8/2012	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55A-TOP	SF55	TOP	2.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF55B-TOP	SF55	TOP	7.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55C-TOP	SF55	TOP	12.5	5/8/2012	TEMPERATURE	16.4	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55D-TOP	SF55	TOP	17.5	5/8/2012	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55E-TOP	SF55	TOP	22.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF55F-TOP	SF55	TOP	27.5	5/8/2012	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF57A-BOT	SF57	BOT	2.5	5/8/2012	TEMPERATURE	16.39	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57B-BOT	SF57	BOT	7.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57C-BOT	SF57	BOT	12.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57D-BOT	SF57	BOT	17.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57E-BOT	SF57	BOT	22.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57F-BOT	SF57	BOT	27.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57A-TOP	SF57	TOP	2.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 2.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57B-TOP	SF57	TOP	7.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 7.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57C-TOP	SF57	TOP	12.5	5/8/2012	TEMPERATURE	16.39	Horiba U52 - Field measurement collected 12.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57D-TOP	SF57	TOP	17.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 17.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57E-TOP	SF57	TOP	22.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 22.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF57F-TOP	SF57	TOP	27.5	5/8/2012	TEMPERATURE	16.37	Horiba U52 - Field measurement collected 27.5 feet from left bank (28' feet wide)
CDEOU4-120508-SF59A-BOT	SF59	BOT	2.5	5/8/2012	TEMPERATURE	16.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59B-BOT	SF59	BOT	7.5	5/8/2012	TEMPERATURE	16.39	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59C-BOT	SF59	BOT	12.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59D-BOT	SF59	BOT	17.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59E-BOT	SF59	BOT	22.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59F-BOT	SF59	BOT	25.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 25.5 feet from left bank (27' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SF59A-TOP	SF59	TOP	2.5	5/8/2012	TEMPERATURE	16.4	Horiba U52 - Field measurement collected 2.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59B-TOP	SF59	TOP	7.5	5/8/2012	TEMPERATURE	16.39	Horiba U52 - Field measurement collected 7.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59C-TOP	SF59	TOP	12.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 12.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59D-TOP	SF59	TOP	17.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 17.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59E-TOP	SF59	TOP	22.5	5/8/2012	TEMPERATURE	16.39	Horiba U52 - Field measurement collected 22.5 feet from left bank (27' 5" feet wide)
CDEOU4-120508-SF59F-TOP	SF59	TOP	25.5	5/8/2012	TEMPERATURE	16.38	Horiba U52 - Field measurement collected 25.5 feet from left bank (27' 5" feet wide). Shallow Water: TOP sample equals BOTTOM sample
CDEOU4-120508-SFMMDA-TOP-DOWN	SFMMD	TOP	15	5/8/2012 5:00	TEMPERATURE	16.37	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Downstream side of Manmade Dam - On middle of dam. Attempt 1
CDEOU4-120508-SFMMDB-TOP-DOWN	SFMMD	TOP	15	5/8/2012 5:00	TEMPERATURE	16.36	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Downstream side of Manmade Dam - On middle of dam. Attempt 2
CDEOU4-120508-SFMMDB-TOP-UP	SFMMD	TOP	15	5/8/2012 5:00	TEMPERATURE	16.37	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Upstream side of Manmade Dam - On middle of dam. Attempt 2
CDEOU4-120508-SFMMDA-TOP-UP	SFMMD	TOP	15	5/8/2012 5:00	TEMPERATURE	16.36	Horiba U52 - Field measurement collected in middle of dam (36' feet wide). Upstream side of Manmade Dam - On middle of dam. Attempt 1